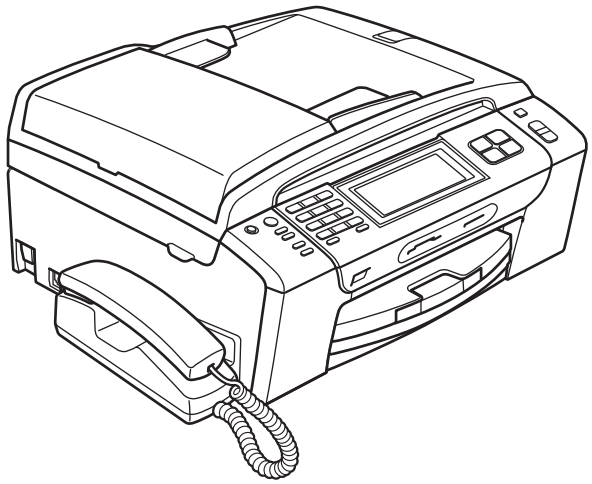
USER'S GUIDE



MFC-790CW
MFC-990CW

Version D

ARL/ASA/NZ

Downloaded from ManualsPrinter.com Manuals

If you need to call Customer Service

Please complete the following information for future reference:

Model Number: MFC-790CW and MFC-990CW
(Circle your model number)

Serial Number: [1] _____

Date of Purchase: _____

Place of Purchase: _____

[1] The serial number is on the back of the unit. Retain this User's Guide with your sales receipt as a permanent record of your purchase, in the event of theft, fire or warranty service.

Register your product on-line at

http://www.brother.com/registration/

By registering your product with Brother, you will be recorded as the original owner of the product. Your registration with Brother:

- may serve as confirmation of the purchase date of your product should you lose your receipt; and
- may support an insurance claim by you in the event of product loss covered by insurance.

© 2008 Brother Industries, Ltd.

Downloaded from ManualsPrinter.com Manuals

Approval Information and Compilation and Publication Notice

THIS EQUIPMENT IS DESIGNED TO WORK WITH A TWO WIRE ANALOGUE PSTN LINE FITTED WITH THE APPROPRIATE CONNECTOR.

APPROVAL INFORMATION

Brother advises that this product may not function correctly in a country other than where it was originally purchased, and does not offer any warranty in the event that this product is used on public telecommunication lines in another country.

Compilation and Publication Notice

Under the supervision of Brother Industries Ltd., this manual has been compiled and published, covering the latest product descriptions and specifications.

The contents of this manual and the specifications of this product are subject to change without notice.

Brother reserves the right to make changes without notice in the specifications and materials contained herein and shall not be responsible for any damages (including consequential) caused by reliance on the materials presented, including but not limited to typographical and other errors relating to the publication.

Downloaded from ManualsPrinter.com Manuals

Table of Contents

Section I General

1 General Information 2

Using the documentation 2
Symbols and conventions used in the documentation 2
Accessing the Software User's Guide and Network User's Guide 2
Viewing Documentation 2
Accessing Brother Support (For Windows®) 5
Control panel overview 6
LCD screen indications 8
Basic Operations 9

2 Loading paper and documents 10

Loading paper and other print media 10
Loading envelopes and post cards 12
Loading photo paper 14
Removing small printouts from the machine 15
Printable area 16
Acceptable paper and other print media 17
Recommended print media 17
Handling and using print media 17
Choosing the right print media 19
Loading documents 21
Using the ADF 21
Using the scanner glass 21
Scannable area 22

3 General setup 23

Power Save mode 23
Putting your machine in Power Save mode 23
Bringing your machine out of Power Save mode 23
Power Save setting 23
Mode Timer 25
Paper settings 25
Paper Type 25
Paper Size 26
Volume Settings 26
Ring Volume 26
Beeper Volume 27
Speaker Volume 27
Setting Daylight Savings Time 28
Sleep Mode 28

Downloaded from ManualsPrinter.com Manuals

LCD screen 29
LCD Contrast 29
Setting the backlight brightness 29
Setting the Dim Timer for the backlight 29

4 Security features 30

Memory Security 30
Setting and changing the memory security password 30
Turning the memory security on/off 31

Section II Fax

5 Sending a Fax 34

Entering Fax mode 34
Faxing from the ADF 34
Faxing from the scanner glass 35
Faxing Letter size documents from the scanner glass 35
Colour fax transmission 35
How to preview an outgoing fax 36
Cancelling a fax in progress 36
Broadcasting (Monochrome only) 37
Cancelling a Broadcast in progress 37
Additional sending operations 38
Sending faxes using multiple settings 38
Contrast 38
Changing fax resolution 39
Dual access (Monochrome only) 39
Real time transmission 39
Overseas Mode 40
Delayed Faxing (Monochrome only) 40
Delayed Batch Transmission (Monochrome only) 40
Checking and cancelling waiting jobs 40
Setting your changes as a new default 41
Restoring all settings to the factory settings 41
Sending a fax manually 41
Sending a fax at the end of a conversation 41
Out of Memory message 42

6 Receiving a Fax 43

Receive modes 43
Choose the Receive Mode 43
Using receive modes 45
Fax only 45
Fax/Tel 45
Manual 45
TAD 45

Downloaded from ManualsPrinter.com Manuals

Receive mode settings 46
Ring Delay 46
F/T Ring Time (Fax/Tel mode only) 46
Fax Detect 47
Memory Receive (Monochrome only) 48
Fax Forwarding 48
Fax Storage 48
PC Fax Receive 49
Turning off Memory Receive Operations 50
Changing Memory Receive Operations 50
Fax Preview (Monochrome only) 51
How to preview a received fax 51
Turning off Fax Preview 53
Additional receiving operations 53
Printing a reduced incoming fax 53
Receiving a fax at the end of a conversation (MFC-790CW only) 53
Out of Paper Reception 54
Printing a fax from the memory 54
Remote Retrieval 54
Setting a Remote Access Code 54
Using your Remote Access Code 55
Remote Fax commands 56
Retrieving fax messages 57
Changing your Fax Forwarding number 57

7 Telephone and External devices 58

Voice operations 58
Making a telephone call 58
Answering calls with the Speaker Phone 58
Hold 58
Tone or Pulse (Not Available for New Zealand) 59
Fax/Tel mode 59
Fax/Tel mode in Power Save condition 59
Telephone Service for Australia 60
Telstra® FaxStream® Duet® (Distinctive Ring) 60
Caller ID 62
How Does the Caller ID Work? 62
The Caller ID is Stored in Your Machine Memory 62
Telephone Service for New Zealand 63
FaxAbility 63
Caller ID 64
How Does the Caller ID Work? 64
Telephone Service for Some Countries 65
Distinctive Ring (For Singapore and Hong Kong) 65
Caller ID (For Singapore and Hong Kong) 66
Connecting an external TAD (telephone answering device) 66
Connections 67
Recording outgoing message (OGM) on an external TAD 67
Multi-line connections (PABX) 67

Downloaded from ManualsPrinter.com Manuals

External and extension telephones 68
Connecting an external or extension telephone 68
Operation from extension telephones 68
Using a cordless external telephone (MFC-790CW only) 68
Using remote codes 68

8 Dialling and storing numbers 70

How to Dial 70
Manual dialling 70
Speed Dialling 70
Fax Redial 70
Outgoing Call history 71
Caller ID history 71
Storing numbers 72
Storing a pause 72
Storing Speed Dial numbers 72
Storing Speed Dial numbers from Outgoing Calls 73
Storing Speed Dial numbers from the Caller ID history 73
Changing Speed Dial names or numbers 74
Setting up groups for broadcasting 75
Combining Quick Dial numbers 76

9 Digital TAD 78

TAD-Mode for internal TAD 78
Setting up the TAD 78
Outgoing message (OGM) 78
Fax/Tel OGM (Announcement) 79
Activating TAD mode 79
Managing your messages 80
Message indicator 80
Playing voice messages 80
Erasing incoming messages 80
Additional TAD operations 81
Setting the maximum time for incoming messages 81
Setting toll saver 81
ICM Recording Monitor 81
Recording a conversation (MFC-790CW only) 82

10 Printing Reports 83

Fax reports 83
Transmission Verification Report 83
Fax Journal (activity report) 84
Reports 84
How to print a report 84

Downloaded from ManualsPrinter.com Manuals

11 Polling 85

Polling overview 85
Polling receive 85
Setup to receive polling 85
Setup to receive polling with secure code 85
Setup to receive delayed polling 86
Sequential polling (Monochrome only) 86
Cancelling a Sequential Polling Job 86
Polled transmit (Monochrome only) 87
Setup for polled transmit 87
Setup for polled transmit with secure code 87

Section III Copy

12 Making copies 90

How to copy 90
Entering Copy mode 90
Making a single copy 90
Making multiple copies 90
Stop copying 90
Copy settings 91
Changing copy speed and quality 91
Enlarging or reducing the image copied 92
Making N in 1 copies or a poster (Page Layout) 93
Sorting copies using the ADF 94
Adjusting Brightness and Contrast 94
Paper Options 94
Book Copy 95
Watermark Copy 95
Setting your favourites 96
‘Out of Memory’ message 97

Section IV Direct Photo Printing

13 Printing photos from a memory card or USB Flash memory drive 100

PhotoCapture Center™ Operations 100
Printing from a memory card or USB Flash memory drive without a PC 100
Scanning to a memory card or USB Flash memory drive without a PC 100
Using PhotoCapture Center™ from your computer 100
Using a memory card or USB Flash memory drive 100
Memory cards or USB Flash memory drive folder structure 101
Getting started 102
Entering PhotoCapture mode 102

Downloaded from ManualsPrinter.com Manuals

Print Images 103
View Photos 103
Print Index (Thumbnails) 103
Printing Photos 104
Enhance Photos 105
DPOF printing 106
PhotoCapture Center™ print settings 107
Print Speed and Quality 108
Paper options 108
Adjusting Brightness, Contrast and Colour 109
Cropping 111
Borderless printing 111
Date Print 111
Setting your changes as a new default 112
Restoring all settings to the factory settings 112
Scan to a memory card or USB Flash memory drive 112
Entering Scan mode 112
How to scan to a memory card or USB Flash memory drive 113
How to change the file name 114
How to set a new default 114
How to reset to factory settings 114
Understanding the Error Messages 115

14 Printing photos from a camera 116

Printing photos directly from a PictBridge camera 116
PictBridge requirements 116
Setting your digital camera 116
Printing Images 117
DPOF printing 117
Printing photos directly from a digital camera (without PictBridge) 118
Printing Images 118
Understanding the Error Messages 119

15 Wireless photo printing (MFC-990CW only) 120

Printing photos with Bluetooth® wireless technology 120
The requirements for using Bluetooth® wireless technology 120
Set up your machine 121
Enable your Bluetooth® wireless technology 121
Pass key 121
Communication Mode 121
Device Address 122
Device Name 122
Print settings 122
Print Quality 122
Paper Type 122
Paper Size 123
Borderless 123
Date Print 123
Restoring all settings to the factory settings 123
Understanding the Error Messages 124

Downloaded from ManualsPrinter.com Manuals

Section V Software

16 Software and Network features 126

Section VI Appendixes

A Safety and Legal 128

Choosing a location 128
To use the machine safely 129
IMPORTANT-For Your Safety 133
LAN connection 133
Radio interference 133
International ENERGY STAR® Compliance Statement 133
Important Information for Australia 134
Important safety instructions 134
Important Information for New Zealand 135
Important Safety Instructions 135
Important Information for Some Countries 138
Important Safety Instructions 138
Legal limitations for copying 140
Trademarks 141

B Troubleshooting and Routine Maintenance 142

Troubleshooting 142
If you are having difficulty with your machine 142
Dial Tone detection 149
Telephone line interference 149
Error and Maintenance messages 150
Error animation 155
Transferring your faxes or Fax Journal report 155
Document jam 157
Printer jam or paper jam 158
Routine maintenance 160
Replacing the ink cartridges 160
Cleaning the outside of the machine 163
Cleaning the scanner glass 164
Cleaning the machine's printer platen 164
Cleaning the paper pick-up roller 165
Cleaning the print head 165
Checking the print quality 166
Checking the print alignment 167
Checking the ink volume 167
Uninstalling and installing the handset and handset cradle (MFC-790CW only) 168
Machine Information 169
Checking the serial number 169
Packing and shipping the machine 170

Downloaded from ManualsPrinter.com Manuals

C Menu and Features 173

On-screen programming 173
Menu table 173
Memory storage 173
Mode and menu keys 173
Menu table 174
Entering Text 195

D Specifications 196

General 196
Print media 198
Fax 199
Digital TAD 201
Digital Cordless Handset (MFC-990CW only) 202
Cordless handset (BCL-D70) 202
Battery 202
Copy 203
PhotoCapture Center™ 204
PictBridge 205
Bluetooth® wireless technology (MFC-990CW only) 206
Scanner 207
Printer 208
Interfaces 209
Computer requirements 210
Consumable items 211
Network (LAN) 212
Wireless one-push configuration 213

E Glossary 214

F Index 218

Downloaded from ManualsPrinter.com Manuals

Downloaded from ManualsPrinter.com Manuals

Section I

General

General Information	2
Loading paper and documents	10
General setup	23
Security features	30

Downloaded from ManualsPrinter.com Manuals

1 General Information

Using the documentation

Thank you for buying a Brother machine! Reading the documentation will help you make the most of your machine.

Symbols and conventions used in the documentation

The following symbols and conventions are used throughout the documentation.

Bold	Bold typeface identifies specific buttons on the machine's control panel, or on the computer screen.
Italics	Italicized typeface emphasizes an important point or refers you to a related topic.
`Courier New`	Text in Courier New font identifies messages on the LCD of the machine.

Warnings tell you what to do to prevent possible personal injury.

Cautions specify procedures you must follow or avoid to prevent possible damage to the machine or other objects.

Electrical Hazard icons alert you to possible electrical shock.

Notes tell you how you should respond to a situation that may arise or give tips about how the operation works with other features.

Improper Setup icons alert you to devices and operations that are not compatible with the machine.

Accessing the Software User's Guide and Network User's Guide

This User's Guide does not contain all the information about the machine such as how to use the advanced features of the Printer, Scanner, PC Fax and Network. When you are ready to learn detailed information about these operations, read the **Software User's Guide** and **Network User's Guide** that are on the CD-ROM.

Viewing Documentation

Viewing Documentation (For Windows®)

To view the documentation, from the **Start** menu, point to **Brother**, **MFC-XXXX** (where XXXX is your model name) from the programs group, and then choose **User's Guides in HTML format**.

If you have not installed the software, you can find the documentation by following the instructions below:

1. Turn on your PC. Insert the Brother CD-ROM into your CD-ROM drive.
2. If the model name screen appears, click your model name.

Downloaded from ManualsPrinter.com Manuals

3 If the language screen appears, click your language. The CD-ROM Main Menu will appear.

Note

If this window does not appear, use Windows® Explorer to run the start.exe program from the root directory of the Brother CD-ROM.

4 Click **Documentation**.

5 Click the documentation you want to read.

- **HTML documents**: **Software User's Guide** and **Network User's Guide** in HTML format.

  This format is recommended for viewing on your computer.

- **PDF documents**: **User's Guide** for stand-alone operations, **Software User's Guide** and **Network User's Guide** in PDF format.

  This format is recommended for printing the manuals. Click to go to the Brother Solutions Center, where you can view or download the PDF documents. (Internet access and PDF Reader software are required.)

How to find Scanning instructions

There are several ways you can scan documents. You can find the instructions as follows:

Software User's Guide

- *Scanning* (For Windows® 2000 Professional/Windows® XP and Windows Vista®)
- *ControlCenter3* (For Windows® 2000 Professional/Windows® XP and Windows Vista®)
- *Network Scanning*

ScanSoft™ PaperPort™ 11SE with OCR How-to-Guides

- The complete ScanSoft™ PaperPort™ 11SE with OCR How-to-Guides can be viewed from the Help selection in the ScanSoft™ PaperPort™ 11SE application.

Presto!® PageManager® User's Guide

(Hong Kong users only)

- Instructions for scanning directly from Presto!® PageManager®. The complete Presto!® PageManager® User's Guide can be viewed from the Help selection in the Presto!® PageManager® application.

How to find Network setup instructions

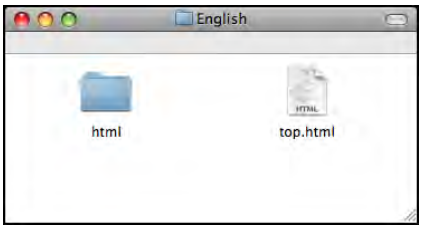
Your machine can be connected to a wireless or wired network. You can find basic setup instructions in the Quick Setup Guide. If your wireless access point supports SecureEasySetup™, Wi-Fi Protected Setup™ or AOSS™, follow the steps in the Quick Setup Guide. For more information about network setup please see the Network User's Guide.

Downloaded from ManualsPrinter.com Manuals

Viewing Documentation (For Macintosh®)

1. Turn on your Macintosh®. Insert the Brother CD-ROM into your CD-ROM drive. The following window will appear.

2. Double-click the **Documentation** icon.
3. Double-click your language folder.
4. Double-click top.html to view the **Software User's Guide** and **Network User's Guide** in HTML format.



5. Click the documentation you want to read:
   - **Software User's Guide**
   - **Network User's Guide**

How to find Scanning instructions

There are several ways you can scan documents. You can find the instructions as follows:

Software User's Guide

- *Scanning* (For Mac OS® X 10.2.4 or greater)
- *ControlCenter2* (For Mac OS® X 10.2.4 or greater)
- *Network Scanning* (For Mac OS® X 10.2.4 or greater)

Presto!® PageManager® User's Guide

- The complete Presto!® PageManager® User's Guide can be viewed from the Help selection in the Presto!® PageManager® application.

How to find Network setup instructions

Your machine can be connected to a wireless or wired network. You can find basic setup instructions in the Quick Setup Guide. If your wireless access point supports SecureEasySetup™, Wi-Fi Protected Setup™ or AOSS™, follow the steps in the Quick Setup Guide. For more information about network setup please see the Network User's Guide.

Downloaded from ManualsPrinter.com Manuals

Accessing Brother Support (For Windows®)

You can find all the contacts you will need, such as Web support (Brother Solutions Center).

- Click **Brother Support** on the Main Menu. The following screen will appear:

- To access our website (http://www.brother.com), click **Brother Home Page**.
- For the latest news and product support information (http://solutions.brother.com), click **Brother Solutions Center**.
- To visit our website for original Brother Supplies (http://www.brother.com/original/), click **Supplies Information**.
- To access the Brother CreativeCenter (http://www.brother.com/creativecenter/) for FREE photo projects and printable downloads, click **Brother CreativeCenter**.
- To return to the main page, click **Back** or if you have finished, click **Exit**.

Downloaded from ManualsPrinter.com Manuals

Control panel overview

MFC-790CW

MFC-990CW

Note

Most of the illustrations in this User's Guide show the MFC-790CW.

1 Power Save

Lets you put the machine into Power Save mode.

2 TAD keys:

- **Digital TAD**

  Turns the Telephone Answering Device (TAD) on or off. Will also flash if you have new messages.

- **Play/Record** (MFC-790CW)
  Plays voice messages stored in the memory. Will also let you record telephone calls.
- **Play** (MFC-990CW)
  Plays voice messages stored in memory.
- **Erase/Hold** (MFC-790CW)
  Deletes voice messages. Also, puts the current phone call on hold.
- **Erase** (MFC-990CW)
  Deletes voice messages.

Downloaded from ManualsPrinter.com Manuals

3 Fax and telephone keys:

- **Speaker Phone**

  Lets you speak to another party without lifting the handset.

- **Recall**

  Use this key to gain access to an outside line (for Australia and New Zealand only), or transfer a call to another extension when it is connected to a PABX.

- **Hold/Intercom** (MFC-990CW only)

  Puts the current phone call on hold.

  Also, press this key to speak on the intercom or to transfer an incoming call to the cordless handset.

- **Redial** (MFC-790CW)

  Redials one of the last 30 numbers called.

- **Pause** (MFC-790CW)

  Inserts a pause when dialling numbers. This function transfers to the touchscreen during some operations.

- **Redial/Pause** (MFC-990CW)

  Redials one of the last 30 numbers called. It also inserts a pause when programming quick dial numbers.

Downloaded from ManualsPrinter.com Manuals

4 Dial Pad

Use these keys to dial telephone and fax numbers and as a keyboard for entering information into the machine. This function transfers to the touchscreen during some operations.

The # key lets you temporarily switch the dialling mode during a telephone call from Pulse to Tone. (Not Available in New Zealand)

5 LCD (liquid crystal display)

This is a Touchscreen LCD. You can access the menus and options by pressing buttons displayed on the screen.

Also, you can adjust the angle of the display by lifting it.

6 Mode keys:

- **Fax**
  Lets you access Fax mode.
- **Scan**
  Lets you access Scan mode.
- **Copy**
  Lets you access Copy mode.
- **Photo Capture**
  Lets you access PhotoCapture Center™ mode.

7 Microphone

Picks up your voice when you speak to another party using **Speaker Phone**.

8 Stop/Exit

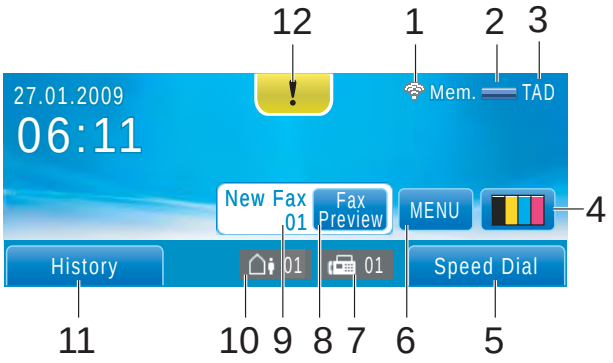
Stops an operation or exits from a menu.

9 Start keys:

- **Colour Start**
  Lets you start sending faxes or making copies in full colour. Also lets you start a scanning operation (in colour or mono, depending on the scanning setting in the ControlCenter software).
- **Mono Start**
  Lets you start sending faxes or making copies in monochrome. Also lets you start a scanning operation (in colour or mono depending on the scanning setting in the ControlCenter software).

LCD screen indications

The LCD shows the current machine status when the machine is idle.



1 Wireless Status

A four level indicator shows the current wireless signal strength if you are using a wireless connection.

0 Max

2 Memory Status

Lets you see the available memory in the machine.

3 Current Receive Mode

Lets you see the current receive mode.

- `Fax` (Fax only)
- `F/T` (Fax/Tel)
- `Mnl` (Manual)
- `TAD` (Msg Ctr)

4 Ink indicator

Lets you see the available ink volume.

Also, lets you access the `Ink` menu.

5 Speed Dial

Lets you search the number you want to fax/dial.

6 MENU

Lets you access the main menu.

7 Faxes in memory

Shows how many received faxes are in the memory.

8 Fax Preview

Lets you preview received faxes.

Downloaded from ManualsPrinter.com Manuals

9 New Fax(es)

When Fax Preview is set to On, you can see how many new faxes you have received.

10 Voice messages in the machine's memory

Shows how many received voice messages are in the memory.

11 History

Lets you view a list of outgoing calls and the caller ID history.

Also, lets you fax or call the number you have chosen from the lists.

12 Warning icon

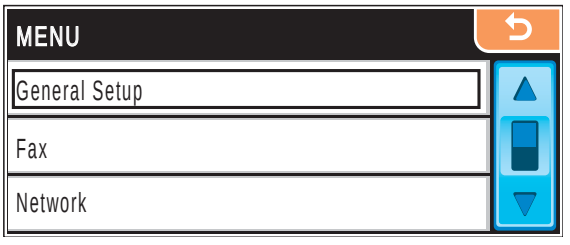
Appears when there is an error or maintenance message; press the Warning icon to view it, and then press to return to the Ready screen.

Basic Operations

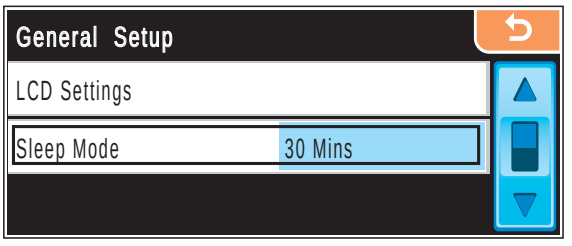
To operate the Touchscreen use your finger to press the MENU or option button directly on the LCD screen. To display and access all the screen menus or options in a setting, press ▲▼ or ◄► to scroll through them.

The following steps show how to change a setting in the machine. In this example the Sleep mode setting is changed from 30 Mins to 10 Mins.

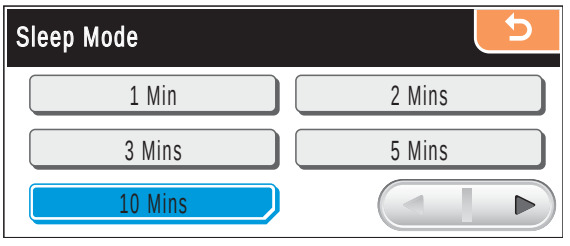
1. Press MENU.
2. Press ▲ or ▼ to display General Setup.



3. Press General Setup.
4. Press ▲ or ▼ to display Sleep Mode.



5. Press Sleep Mode.
6. Press 10 Mins.



7. Press **Stop/Exit**.

Downloaded from ManualsPrinter.com Manuals

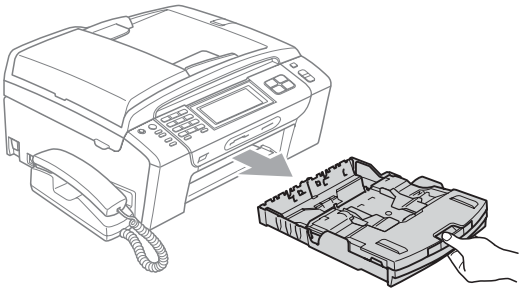
2 Loading paper and documents

Loading paper and other print media

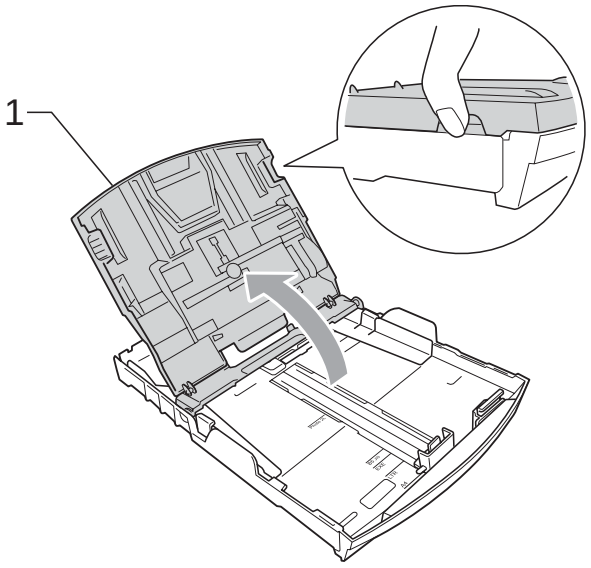
Note

To print on 10 x 15 cm or Photo L paper, you must use the photo paper tray. (See *Loading photo paper* on page 14.)

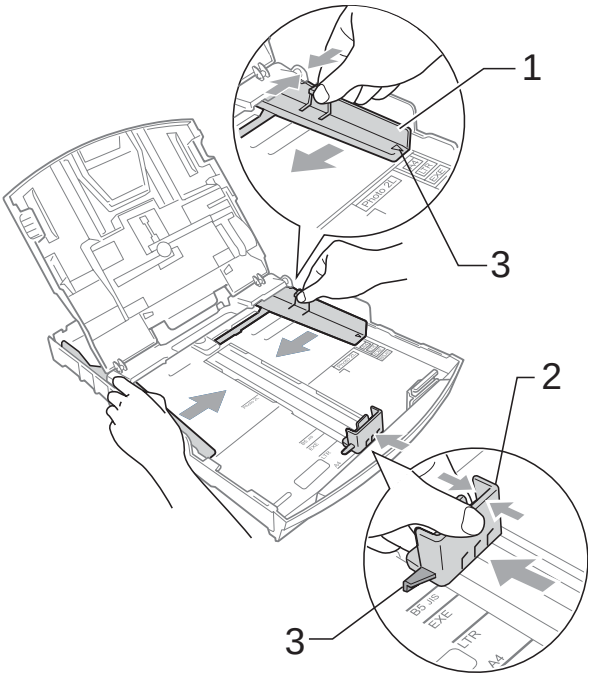
1. If the paper support flap is open, close it, and then pull the paper tray completely out of the machine.



2. Lift the output paper tray (1).

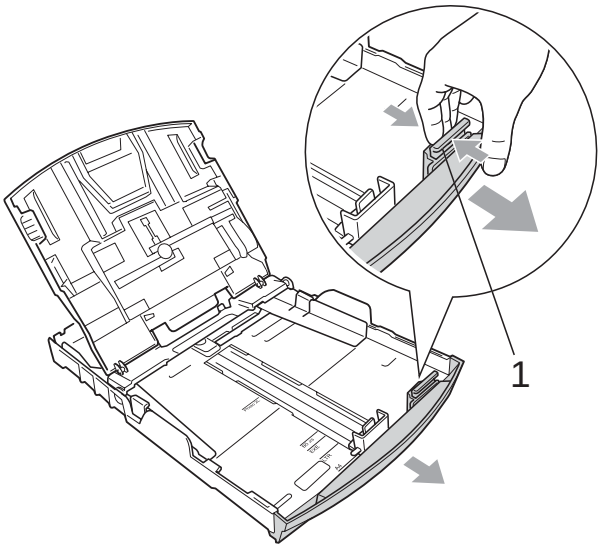


3. With both hands, gently press and slide the paper side guides (1) and paper length guide (2) to fit the paper size. Make sure that the triangular marks (3) on the paper side guides (1) and paper length guide (2) line up with the mark for the paper size you are using.



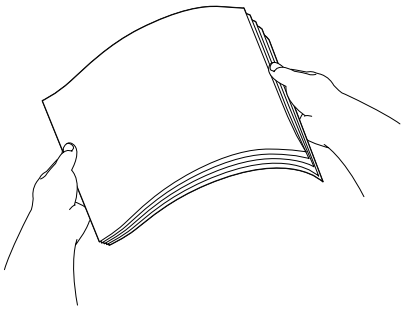
Note

When you are using Legal size paper, press and hold the universal guide release button (1) as you slide out the front of the paper tray.



Downloaded from ManualsPrinter.com Manuals

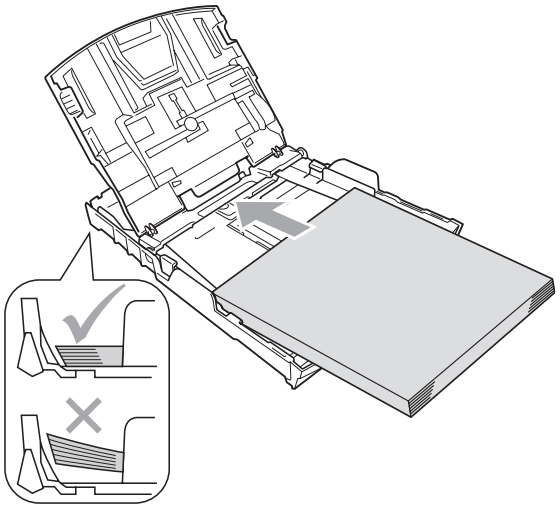
4 Fan the stack of paper well to avoid paper jams and misfeeds.



Note

Always make sure that the paper is not curled.

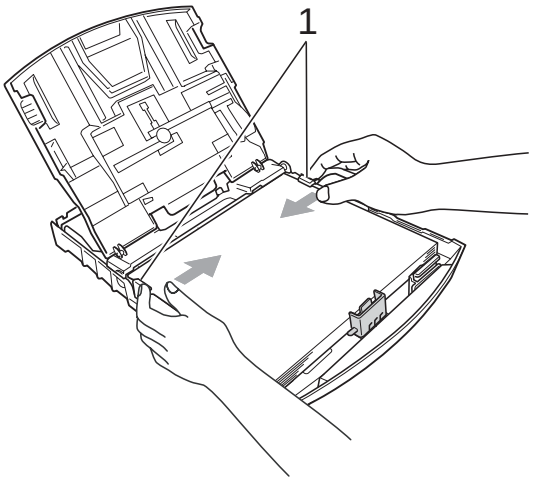
5 Gently put the paper into the paper tray print side down and top edge in first. Check that the paper is flat in the tray.



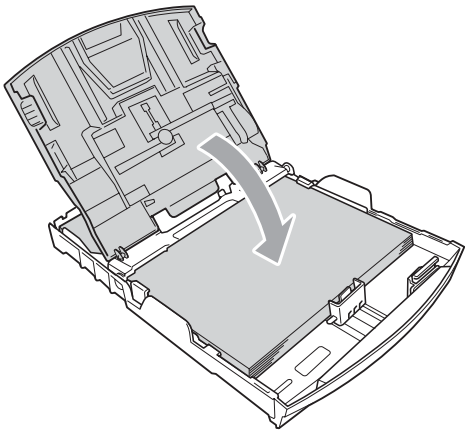
Note

Be careful that you do not push the paper in too far; it may lift at the back of the tray and cause feed problems.

6 Gently adjust the paper side guides (1) to the paper with both hands.
Make sure the paper side guides touch the sides of the paper.

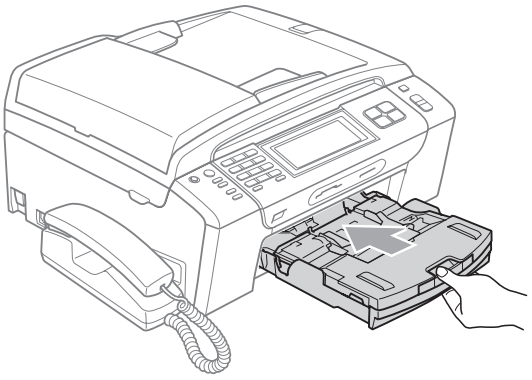


7 Close the output paper tray.

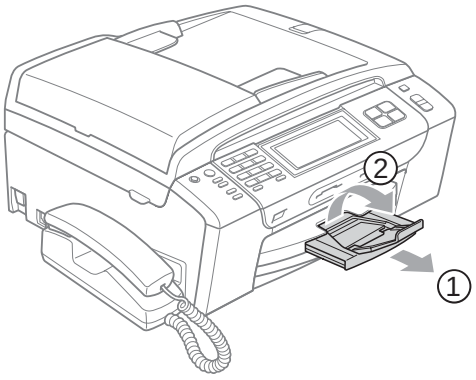


Downloaded from ManualsPrinter.com Manuals

8 *Slowly* push the paper tray completely into the machine.



9 While holding the paper tray in place, pull out the paper support (1) until it clicks, and then unfold the paper support flap (2).



Note

Do not use the paper support flap for Legal paper.

Loading envelopes and post cards

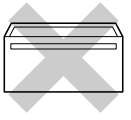
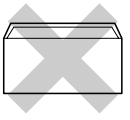
About envelopes

- Use envelopes that weigh between 80 to 95 gsm.
- Some envelopes need margin settings to be set in the application. Make sure you do a test print first before printing many envelopes.

CAUTION

DO NOT use any of the following types of envelopes, as they will cause paper feed problems:

- That are of a baggy construction.
- That are embossed (have raised writing on them).
- That have clasps or staples.
- That are pre-printed on the inside.

Glue	Double flap
	

Occasionally you may experience paper feed problems caused by the thickness, size and flap shape of the envelopes you are using.

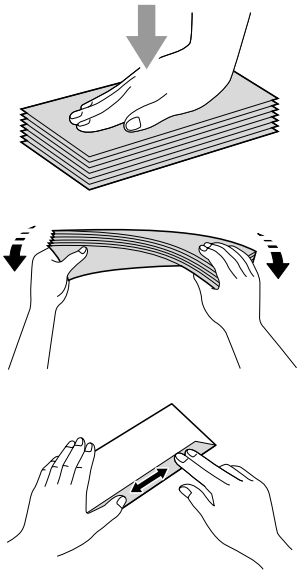
Downloaded from ManualsPrinter.com Manuals

How to load envelopes and postcards

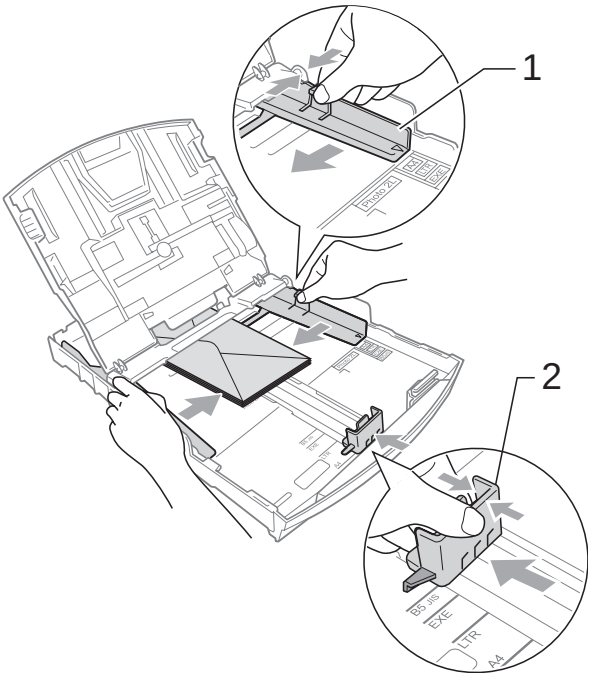
1. Before loading, press the corners and sides of envelopes or postcards to make them as flat as possible.

Note

If envelopes or postcards are ‘double-feeding’, put one envelope or postcard in the paper tray at a time.



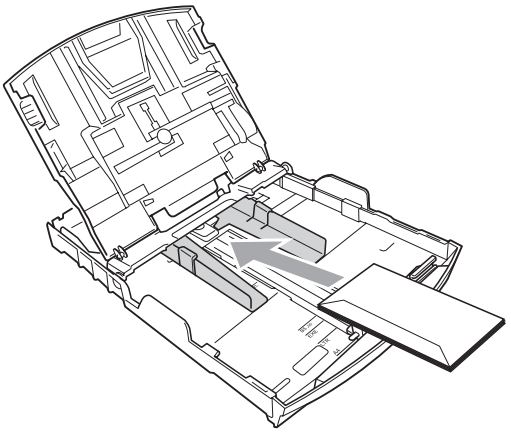
2. Put envelopes or postcards in the paper tray with the address side down and the leading edge (top of the envelopes) in first. With both hands, gently press and slide the paper side guides (1) and paper length guide (2) to fit the size of the envelopes or postcards.

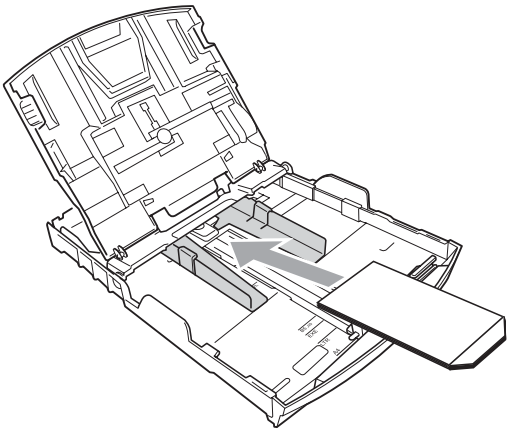


Downloaded from ManualsPrinter.com Manuals

If you have problems when printing on envelopes, try the following suggestions:

1. Make sure the flap is either to the side of the envelope or to the back edge of the envelope when printing.
2. Adjust the size and margin in your application.

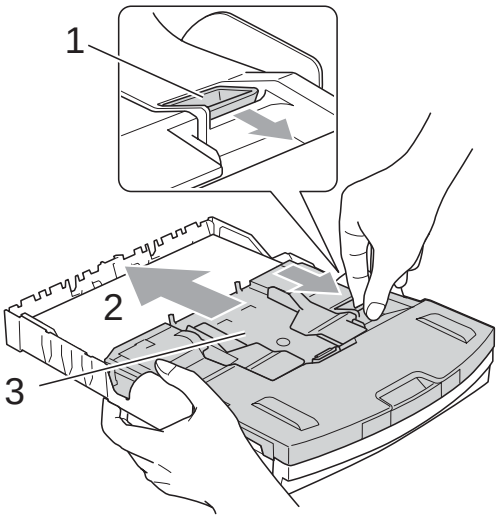




Loading photo paper

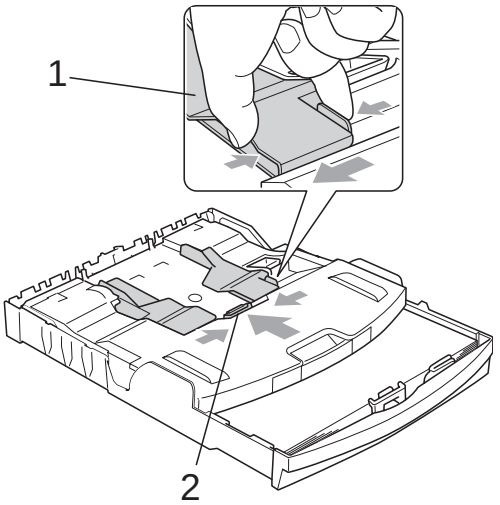
Use the photo paper tray which is located on the top of the output paper tray to print on Photo (10 × 15 cm) and Photo L size paper. When you use the photo paper tray, you do not have to take out the paper that is in the tray beneath it.

1. Squeeze the blue photo tray release button (1) using your right index finger and thumb and push the photo tray forward until it clicks into the photo printing position (2).



3 Photo Paper Tray

2. Press and slide the paper side guides (1) and paper length guide (2) to fit the paper size.



Downloaded from ManualsPrinter.com Manuals

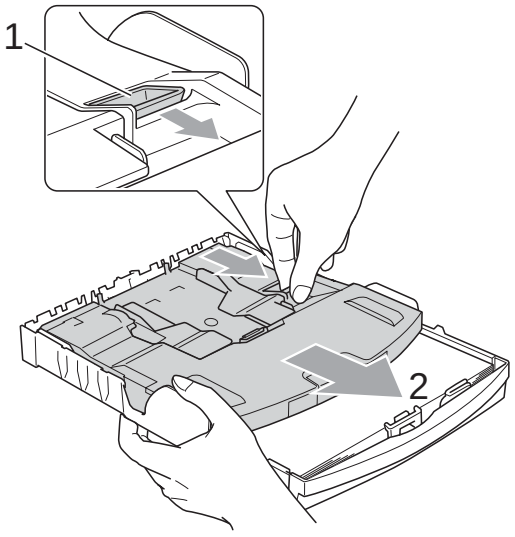
3 Put the photo paper into the photo paper tray and gently adjust the paper side guides to the paper.
Make sure the paper side guides touch the sides of the paper.

Note

- Be careful that you do not push the paper in too far; it may lift at the back of the tray and cause feed problems.
- Always make sure that the paper is not curled or wrinkled.

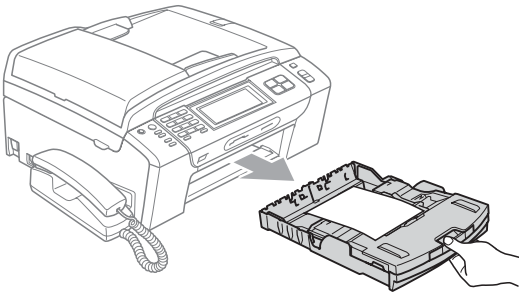
4 When you have finished printing photos return the photo paper tray to the normal printing position.

Squeeze the blue photo tray release button (1) using your right index finger and thumb and pull the photo tray backward until it clicks (2).



Removing small printouts from the machine

When the machine ejects small paper onto the output paper tray you may not be able to reach it. Make sure printing has finished, and then pull the tray completely out of the machine.

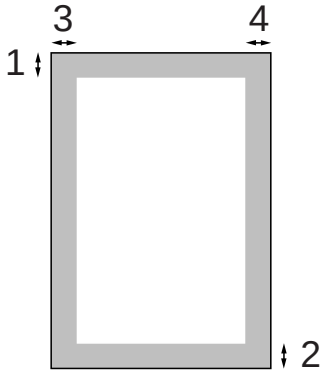


Downloaded from ManualsPrinter.com Manuals

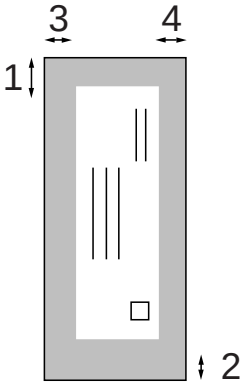
Printable area

The printable area depends on the settings in the application you are using. The figures below show the unprintable areas on cut sheet paper and envelopes. The machine can print in the shaded areas of cut sheet paper when the Borderless print feature is available and turned on. (See *Printing for Windows*® or *Printing and Faxing for Macintosh*® in the Software User's Guide on the CD-ROM.)

Cut Sheet Paper



Envelopes



	Top (1)	Bottom (2)	Left (3)	Right (4)
Cut Sheet	3 mm	3 mm	3 mm	3 mm
Envelopes	12 mm	24 mm	3 mm	3 mm

Note

The Borderless feature is not available for envelopes.

Downloaded from ManualsPrinter.com Manuals

Acceptable paper and other print media

The print quality can be affected by the type of paper you use in the machine.

To get the best print quality for the settings you have chosen, always set the Paper Type to match the type of paper you load.

You can use plain paper, inkjet paper (coated paper), glossy paper, transparencies and envelopes.

We recommend testing various paper types before buying large quantities.

For best results, use Brother paper.

- When you print on inkjet paper (coated paper), transparencies and photo paper, be sure to choose the correct print media in the '**Basic**' tab of the printer driver or in the Paper Type setting of the menu. (See *Paper Type* on page 25.)
- When you print on Brother Photo paper, load one extra sheet of the same photo paper in the paper tray. An extra sheet has been included in the paper package for this purpose.
- When you use transparencies or photo paper, remove each sheet at once to prevent smudging or paper jams.
- Avoid touching the printed surface of the paper immediately after printing; the surface may not be completely dry and may stain your fingers.

Recommended print media

To get the best print quality, we suggest using Brother paper. (See table below.)

If Brother paper is not available in your country, we recommend testing various papers before purchasing large quantities.

We recommend using '3M Transparency Film' when you print on transparencies.

Brother paper

Paper Type	Item
A4 Plain	BP60PA
A4 Glossy Photo	BP71GA4
A4 Inkjet (Matte)	BP60MA
10 x 15 cm Glossy Photo	BP71GP

Handling and using print media

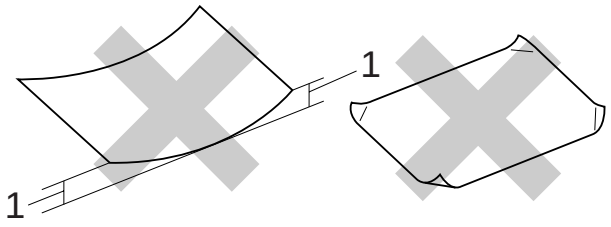
- Store paper in its original packaging, and keep it sealed. Keep the paper flat and away from moisture, direct sunlight and heat.
- Avoid touching the shiny (coated) side of photo paper. Load photo paper with the shiny side facing down.
- Avoid touching either side of transparencies because they absorb water and perspiration easily, and this may cause decreased output quality. Transparencies designed for laser printers/copiers may stain your next document. Use only transparencies recommended for inkjet printing.
- You can only print on both sides of the paper with PC printing. See *Printing for Windows®* in the Software User's Guide on the CD-ROM.

Downloaded from ManualsPrinter.com Manuals

Improper Setup

DO NOT use the following kinds of paper:

- Damaged, curled, wrinkled, or irregularly shaped paper



1 2 mm or greater

- Extremely shiny or highly textured paper
- Paper that cannot be arranged uniformly when stacked
- Paper made with a short grain

Paper capacity of the output paper tray

Up to 50 sheets of 80 gsm A4 paper.

- Transparencies or photo paper must be picked up from the output paper tray one page at a time to avoid smudging.

Downloaded from ManualsPrinter.com Manuals

Choosing the right print media

Paper type and size for each operation

Paper Type	Paper Size		Usage			
			Fax	Copy	Photo Capture	Printer
Cut Sheet	Letter	215.9 × 279.4 mm (8 1/2 × 11 in.)	Yes	Yes	Yes	Yes
	A4	210 × 297 mm (8.3 × 11.7 in.)	Yes	Yes	Yes	Yes
	Legal	215.9 × 355.6 mm (8 1/2 × 14 in.)	Yes	Yes	–	Yes
	Executive	184 × 267 mm (7 1/4 × 10 1/2 in.)	–	–	–	Yes
	JIS B5	182 × 257 mm (7.2 × 10.1 in.)	–	–	–	Yes
	A5	148 × 210 mm (5.8 × 8.3 in.)	–	Yes	–	Yes
	A6	105 × 148 mm (4.1 × 5.8 in.)	–	–	–	Yes
Cards	Photo	10 × 15 cm (4 × 6 in.)	–	Yes	Yes	Yes
	Photo L	89 × 127 mm (3 1/2 × 5 in.)	–	–	–	Yes
	Photo 2L	13 × 18 cm (5 × 7 in.)	–	–	Yes	Yes
	Index Card	127 × 203 mm (5 × 8 in.)	–	–	–	Yes
	Postcard 1	100 × 148 mm (3.9 × 5.8 in.)	–	–	–	Yes
	Postcard 2 (Double)	148 × 200 mm (5.8 × 7.9 in.)	–	–	–	Yes
Envelopes	C5 Envelope	162 × 229 mm (6.4 × 9 in.)	–	–	–	Yes
	DL Envelope	110 × 220 mm (4.3 × 8.7 in.)	–	–	–	Yes
	COM-10	105 × 241 mm (4 1/8 × 9 1/2 in.)	–	–	–	Yes
	Monarch	98 × 191 mm (3 7/8 × 7 1/2 in.)	–	–	–	Yes
	JE4 Envelope	105 × 235 mm (4.1 × 9.3 in.)	–	–	–	Yes
Transparencies	Letter	215.9 × 279.4 mm (8 1/2 × 11 in.)	–	Yes	–	Yes
	A4	210 × 297 mm (8.3 × 11.7 in.)	–	Yes	–	Yes

Downloaded from ManualsPrinter.com Manuals

Paper weight, thickness and capacity

Paper Type		Weight	Thickness	No. of sheets
Cut Sheet	Plain Paper	64 to 120 gsm	0.08 to 0.15 mm	100 [1]
	Inkjet Paper	64 to 200 gsm	0.08 to 0.25 mm	20
	Glossy Paper	Up to 220 gsm	Up to 0.25 mm	20 [2] [3]
Cards	Photo Card	Up to 220 gsm	Up to 0.25 mm	20 [2] [3]
	Index Card	Up to 120 gsm	Up to 0.15 mm	30
	Postcard	Up to 200 gsm	Up to 0.25 mm	30
Envelopes		75 to 95 gsm	Up to 0.52 mm	10
Transparencies		–	–	10

[1] Up to 100 sheets of 80 gsm paper.

[2] For Photo 10×15 cm paper and Photo L paper, use the photo paper tray. (See *Loading photo paper* on page 14.)

[3] BP71 (260 gsm) paper is especially designed for Brother inkjet machines.

Downloaded from ManualsPrinter.com Manuals

Loading documents

You can send a fax, make copies, and scan from the ADF (automatic document feeder) and from the scanner glass.

Using the ADF

The ADF can hold up to 15 pages and feeds each sheet individually. Use standard 80 gsm paper and always fan the pages before putting them in the ADF.

Recommended environment

Temperature:	20° C to 30° C
Humidity:	50% to 70%
Paper:	80 gsm

Document Sizes Supported

Length:	148 to 355.6 mm
Width:	148 to 215.9 mm
Weight:	64 to 90 gsm

How to load documents

CAUTION

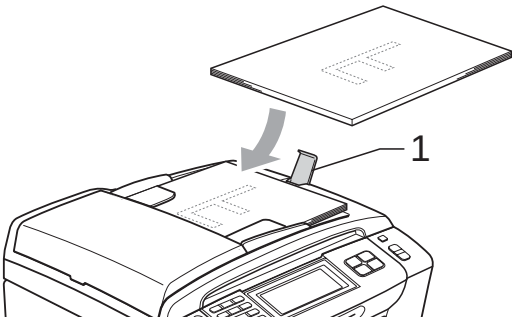
DO NOT pull on the document while it is feeding.

DO NOT use paper that is curled, wrinkled, folded, ripped, stapled, paper clipped, pasted or taped.

DO NOT use cardboard, newspaper or fabric with the ADF. Instead use the scanner glass.

- Make sure documents are completely dry.

1. Unfold the ADF Document Output Support Flap (1).
2. Fan the pages well.
3. Adjust the paper guides to fit the width of your documents.
4. Place your documents, *face down*, top edge first in the ADF until you feel them touch the feed roller.



CAUTION

DO NOT leave thick documents on the scanner glass. If you do this, the ADF may jam.

Using the scanner glass

You can use the scanner glass to fax, copy or scan pages of a book one page at a time.

Document Sizes Supported

Length:	Up to 297 mm
Width:	Up to 215.9 mm
Weight:	Up to 2 kg

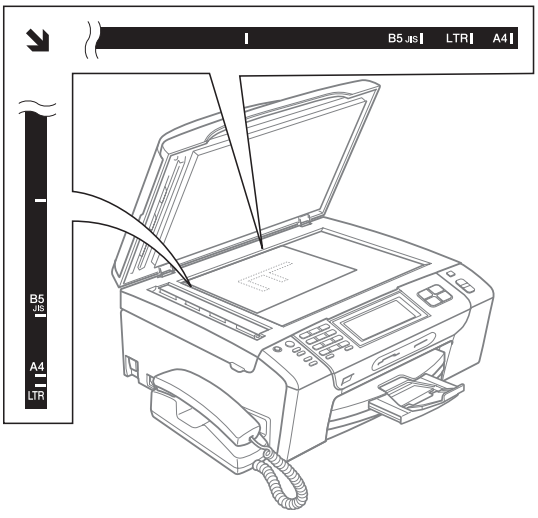
Downloaded from ManualsPrinter.com Manuals

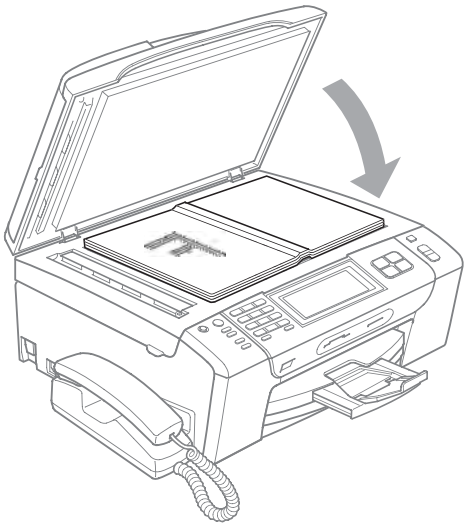
How to load documents

Note

To use the scanner glass, the ADF must be empty.

1. Lift the document cover.
2. Using the document guidelines on the left and top, put the document *face down* in the upper left corner of the scanner glass.





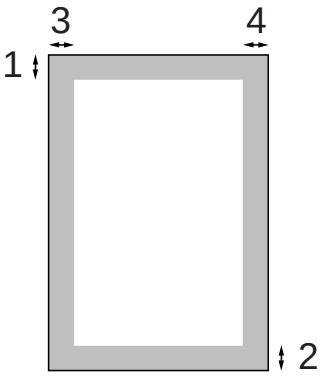
3. Close the document cover.

CAUTION

If you are scanning a book or thick document, DO NOT slam the cover down or press on it.

Scannable area

The scannable area depends on the settings in the application you are using. The figures below show the areas you cannot scan on paper.



Usage	Document Size	Top (1) Bottom (2)	Left (3) Right (4)
Fax	Letter	3 mm	4 mm
	A4	3 mm	(Scanner Glass) 3 mm (ADF) 1 mm
	Legal	3 mm	4 mm
Copy	All paper sizes	3 mm	3 mm
Scan	All paper sizes	3 mm	3 mm

Downloaded from ManualsPrinter.com Manuals

3 General setup

Power Save mode

You can put the machine into Power Save mode by pressing the **Power Save** key. You can still receive telephone calls in Power Save mode (MFC-790CW only). For further information on receiving faxes in the Power Save condition, please see the table on page 24. The delayed faxes that have been set up will be sent. You can even retrieve faxes using Remote Retrieval if you are away from your machine. If you want to do other operations, you must take the machine out of Power Save mode.

Note

If you have connected an external telephone or TAD, it is always available.

Putting your machine in Power Save mode

1. Press the **Power Save** key. The LCD will tell you that you cannot use the phone once it is switched off.
   Press `Yes`.
   The LCD shows `Shutting Down` and will stay on for a few seconds before going off.

Bringing your machine out of Power Save mode

1. Press the **Power Save** key.
   The LCD shows the date and time.

Note

- Even if you have put the machine into Power Save mode, it will periodically clean the print head to preserve print quality.
- If you unplug the AC power cord, no machine operations will be available.
- You can customize Power Save mode so that, apart from automatic head cleaning, no machine operations are available. (See *Power Save setting* on page 23.)

Power Save setting

You can customize the machine's **Power Save** key. The factory setting is `Fax Receive:On`. Your machine can receive faxes (or calls for MFC-790CW only) even when the machine is in Power Save mode. If you do not want your machine to receive faxes (or calls for MFC-790CW only), turn this setting to `Fax Receive:Off`.

1. Press `MENU`.
2. Press ▲ or ▼ to display `General Setup`.
3. Press `General Setup`.
4. Press ▲ or ▼ to display `P.Save Setting`.
5. Press `P.Save Setting`.
6. Press `Fax Receive:Off` or `Fax Receive:On`.
   - (MFC-790CW) Go to step 8.
   - (MFC-990CW) If you choose `Fax Receive:On`, go to step 7.
   - If you choose `Fax Receive:Off`, go to step 8.
7. Press `Ring Tone:On`.
   Make sure you set the Ring Volume to `Low`, `Med` or `High`. (See *Ring Volume* on page 26.)
8. Press **Stop/Exit**.

Note

If you choose `Ring Tone:Off`, the machine will not ring when you receive a call.

Downloaded from ManualsPrinter.com Manuals

MFC-790CW

On/Off setting	Receive mode	Available operations
Fax Receive: On [1] [2] (factory setting)	Fax Only Fax/Tel Manual [3]	Fax Receive Fax Detect Delayed Fax [4] Fax Forward [4] Fax Storage [4] Fax Preview [4] PC Fax Receive [4] Remote Retrieval [4]
	TAD	Fax Receive Recording Incoming Message Fax Detect Delayed Fax [4] Fax Forward [4] Fax Storage [4] Fax Preview [4] PC Fax Receive [4] Remote Retrieval [4]
	Manual	Fax Detect Delayed Fax [4]
Fax Receive: Off	—	No machine operations will be available other than cleaning the print head.

1 You cannot receive a fax with **Mono Start** or **Colour Start**.

2 You can receive telephone calls by lifting the handset

3 When an external TAD is connected and Fax Detect is turned on.

4 Set before you switch off the machine.

MFC-990CW

On/Off setting	Receive mode	Available operations
Fax Receive: On [1] [2] (factory setting)	Fax Only Manual [3]	Fax Receive Fax Detect Delayed Fax [4] Fax Forward [4] Fax Storage [4] Fax Preview [4] PC Fax Receive [4] Remote Retrieval [4]
	TAD	Fax Receive Recording Incoming Message Fax Detect Delayed Fax [4] Fax Forward [4] Fax Storage [4] Fax Preview [4] PC Fax Receive [4] Remote Retrieval [4]
	Manual Fax/Tel [5]	Fax Detect Delayed Fax [4]
Fax Receive: Off	—	No machine operations will be available other than cleaning the print head.

1 You cannot receive a fax with **Mono Start** or **Colour Start**.

2 You cannot receive telephone calls by using the cordless handset.

3 When an external TAD is connected and Fax Detect is turned on.

4 Set before you switch off the machine.

5 You cannot receive a fax automatically if you have set the receive mode to Fax/Tel.

Downloaded from ManualsPrinter.com Manuals

Mode Timer

The machine has four temporary mode keys on the control panel: **Fax**, **Scan**, **Copy** and **Photo Capture**. You can change the amount of time the machine takes after the last Scan, Copy or PhotoCapture operation before it returns to Fax mode. If you choose `Off`, the machine stays in the mode you used last by default.

1. Press `MENU`.
2. Press ▲ or ▼ to display `General Setup`.
3. Press `General Setup`.
4. Press ▲ or ▼ to display `Mode Timer`.
5. Press `Mode Timer`.
6. Press `0 Sec`, `30 Secs`, `1 Min`, `2 Mins`, `5 Mins` or `Off`.
7. Press **Stop/Exit**.

Paper settings

Paper Type

To get the best print quality, set the machine for the type of paper you are using.

1. Press `MENU`.
2. Press ▲ or ▼ to display `General Setup`.
3. Press `General Setup`.
4. Press ▲ or ▼ to display `Paper Type`.
5. Press `Paper Type`.
6. Press `Plain Paper`, `Inkjet Paper`, `Brother BP71`, `Other Glossy` or `Transparency`.
7. Press **Stop/Exit**.

Note

The machine ejects paper with printed surfaces face up onto the paper tray in front of the machine. When you use transparencies or glossy paper, remove each sheet at once to prevent smudging or paper jams.

Downloaded from ManualsPrinter.com Manuals

Paper Size

You can use five sizes of paper for copying: Letter, Legal, A4, A5 and 10 × 15 cm (4 × 6 in.) and three sizes for printing faxes: Letter, Legal and A4. When you change the size of paper you load in the machine, you will need to change the paper size setting at the same time so your machine can fit an incoming fax on the page.

1. Press MENU.
2. Press ▲ or ▼ to display General Setup.
3. Press General Setup.
4. Press ▲ or ▼ to display Paper Size.
5. Press Paper Size.
6. Press A4, A5, 10x15cm, Letter or Legal.
7. Press **Stop/Exit**.

Volume Settings

Ring Volume

You can choose a range of ring volume levels, from High to Off.

The machine will keep the new setting until you change it.You can also change the volume through the menu, by following the instructions below:

Setting the Ring Volume from the menu

1. Press MENU.
2. Press ▲ or ▼ to display General Setup.
3. Press General Setup.
4. Press ▲ or ▼ to display Volume.
5. Press Volume.
6. Press Ring.
7. Press Low, Med, High or Off.
8. Press **Stop/Exit**.

Downloaded from ManualsPrinter.com Manuals

Beeper Volume

When the beeper is on, the machine will beep when you press a key, make a mistake or after you send or receive a fax.

You can choose a range of volume levels, from `High` to `Off`.

1. Press `MENU`.
2. Press ▲ or ▼ to display `General Setup`.
3. Press `General Setup`.
4. Press ▲ or ▼ to display `Volume`.
5. Press `Volume`.
6. Press `Beeper`.
7. Press `Low`, `Med`, `High` or `Off`.
8. Press **Stop/Exit**.

Speaker Volume

You can choose a range of speaker volume levels, from `High` to `Off`.

1. Press `MENU`.
2. Press ▲ or ▼ to display `General Setup`.
3. Press `General Setup`.
4. Press ▲ or ▼ to display `Volume`.
5. Press `Volume`.
6. Press `Speaker`.
7. Press `Low`, `Med`, `High` or `Off`.
8. Press **Stop/Exit**.

You can also adjust the speaker volume by pressing **Speaker Phone**.

1. Press **Speaker Phone**.
2. Press ◄ or ► to display `Volume`.
3. Press `Volume`.
4. Press ◄ or ►.
   This setting will stay until you change it again.
5. Press **Speaker Phone**.

Note

- You can adjust the speaker volume while you are listening to your outgoing message (OGM) and incoming messages (ICM's) by pressing ◄ or ►.
- If you turn Incoming Recording Monitor to OFF the Speaker for screening calls will be disabled and you won't hear callers leaving messages. The volume for other operations can still be controlled using ◄ or ►.

Downloaded from ManualsPrinter.com Manuals

Setting Daylight Savings Time

You can set the machine to change for daylight savings time. It will reset itself forward one hour in the Spring and backward one hour in the Autumn. Make sure you have set the correct date and time in the Date&Time setting.

1. Press MENU.
2. Press ▲ or ▼ to display General Setup.
3. Press General Setup.
4. Press ▲ or ▼ to display Daylight Save.
5. Press Daylight Save.
6. Press Off (or On).
7. Press **Stop/Exit**.

Sleep Mode

You can choose how long the machine must be idle (from 1 to 60 minutes) before it goes into sleep mode. The timer will restart if any operation is carried out on the machine.

1. Press MENU.
2. Press ▲ or ▼ to display General Setup.
3. Press General Setup.
4. Press ▲ or ▼ to display Sleep Mode.
5. Press Sleep Mode.
6. Press 1 Min, 2 Mins, 3 Mins, 5 Mins, 10 Mins, 30 Mins or 60 Mins which is the length of time the machine is idle before entering sleep mode.
7. Press **Stop/Exit**.

Downloaded from ManualsPrinter.com Manuals

LCD screen

LCD Contrast

You can adjust the LCD contrast for a sharper and more vivid display. If you are having difficulty reading the LCD, try changing the contrast setting.

1. Press MENU.
2. Press ▲ or ▼ to display General Setup.
3. Press General Setup.
4. Press ▲ or ▼ to display LCD Settings.
5. Press LCD Settings.
6. Press LCD Contrast.
7. Press Light, Med or Dark.
8. Press **Stop/Exit**.

Setting the backlight brightness

If you are having difficulty reading the LCD, try changing the brightness setting.

1. Press MENU.
2. Press ▲ or ▼ to display General Setup.
3. Press General Setup.
4. Press ▲ or ▼ to display LCD Settings.
5. Press LCD Settings.
6. Press Backlight.
7. Press Light, Med or Dark.
8. Press **Stop/Exit**.

Setting the Dim Timer for the backlight

You can set how long the LCD backlight stays on for after you go back to the Ready screen.

1. Press MENU.
2. Press ▲ or ▼ to display General Setup.
3. Press General Setup.
4. Press ▲ or ▼ to display LCD Settings.
5. Press LCD Settings.
6. Press Dim Timer.
7. Press 10 Secs, 20 Secs, 30 Secs or Off.
8. Press **Stop/Exit**.

Downloaded from ManualsPrinter.com Manuals

4 Security features

Memory Security

Memory Security lets you prevent unauthorized access to the machine. You will not be able to continue to schedule Delayed Faxes or Polling jobs. However, any pre-scheduled Delayed Faxes will be sent even if you turn on Memory Security, so they will not be lost.

While Memory Security is On, the following operations are available:

- Receiving faxes into memory (limited by memory capacity)
- Fax Forwarding (If Fax Forwarding was already On)
- Remote Retrieval (If Fax Storage was already On)
- Cordless handset (MFC-990CW only)
  - Making a call
  - Receiving a call
  - Viewing Caller ID (with subscriber service)

While Memory Security is On, the following operations are NOT available:

- Printing received faxes
- Sending faxes
- Copying
- PC printing
- Scanning
- PhotoCapture
- PC Fax Receive
- Cordless handset (MFC-990CW only)
  - Intercom
  - Transfer a call
  - Register cordless handset
- Operation from control panel

Note

- To print the faxes in memory, turn off Memory Security.
- You must turn off PC Fax Receive before you can turn on Memory Security.
- If you forget the Memory Security password, please call your Brother dealer for service.

Setting and changing the memory security password

Note

If you have already set the password, you will not need to set it again.

Setting a password for the first time

1. Press MENU.
2. Press ▲ or ▼ to display Fax.
3. Press Fax.
4. Press ▲ or ▼ to display Miscellaneous.
5. Press Miscellaneous.
6. Press Mem Security.
7. Enter a 4-digit number for the password using the buttons on the LCD.
   Press OK.
8. When the LCD shows Verify:, re-enter the password.
   Press OK.
9. Press **Stop/Exit**.

Downloaded from ManualsPrinter.com Manuals

Changing your memory security password

1. Press MENU.
2. Press ▲ or ▼ to display Fax.
3. Press Fax.
4. Press ▲ or ▼ to display Miscellaneous.
5. Press Miscellaneous.
6. Press Mem Security.
7. Press Set Password.
8. Enter the registered 4-digit number for the current password using the buttons on the LCD.
   Press OK.
9. Enter a 4-digit number for a new password using the buttons on the LCD.
   Press OK.
10. When the LCD shows Verify:, re-enter the new password using the buttons on the LCD.
    Press OK.
11. Press **Stop/Exit**.

Turning the memory security on/off

Turning on the memory security lock

1. Press MENU.
2. Press ▲ or ▼ to choose Fax.
3. Press Fax.
4. Press ▲ or ▼ to display Miscellaneous.
5. Press Miscellaneous.
6. Press Mem Security.
7. Press Set Security.
8. Enter the registered 4-digit password using the buttons on the LCD.
   Press OK.
   The machine goes offline and the LCD shows Memory Security.

Note

If there is a power failure the data will stay in memory for approximately 24 hours.

Turning off the memory security

1. Press Unlock.
2. Enter the registered 4-digit password using the buttons on the LCD.
   Press OK.
   Memory Security is automatically turned off.

Note

If you enter the wrong password, the LCD shows Wrong Password and stays offline. The machine will stay in Secure mode until the registered password is entered.

Downloaded from ManualsPrinter.com Manuals

Downloaded from ManualsPrinter.com Manuals

Section II

Fax

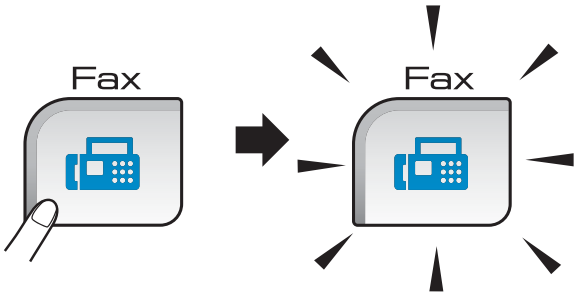
Sending a Fax	34
Receiving a Fax	43
Telephone and External devices	58
Dialling and storing numbers	70
Digital TAD	78
Printing Reports	83
Polling	85

Downloaded from ManualsPrinter.com Manuals

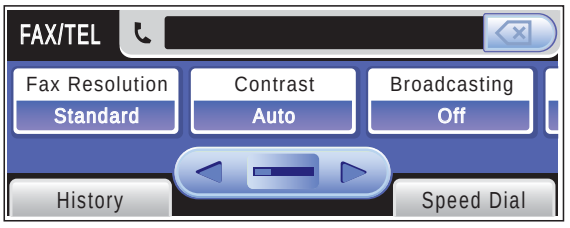
5 Sending a Fax

Entering Fax mode

When you want to send a fax, or change fax send or receive settings, press the (**Fax**) key to illuminate it in blue.



The LCD shows:



Press ◀ or ▶ to scroll through the **Fax** key options. Some functions are only available when sending monochrome faxes.

- `Fax Resolution` (See page 39.)
- `Contrast` (See page 38.)
- `Broadcasting` (See page 37.)
- `Preview` (See page 36.)
- `Delayed Fax` (See page 40.)
- `Batch TX` (See page 40.)
- `Real Time TX` (See page 39.)
- `Polled TX` (See page 87.)
- `Polling RX` (See page 85.)
- `Overseas Mode` (See page 40.)
- `Glass ScanSize` (See page 35.)
- `Set New Default` (See page 41.)
- `Factory Reset` (See page 41.)

Press the option you want.

Faxing from the ADF

1. Press (**Fax**).
2. Place the document *face down* in the ADF. (See *Using the ADF* on page 21.)
3. Enter the fax number using the dial pad. You can also enter the fax number by pressing `Speed Dial`, press the number you want and press `Send a fax`.

Note

You can preview a fax message before sending it by setting `Preview` to `On`. For details, see *How to preview an outgoing fax* on page 36.

4. Press **Mono Start** or **Colour Start**. The machine starts scanning the document.

Note

- To cancel, press **Stop/Exit**.
- If you send a mono fax when the memory is full it will be sent in real time.

Downloaded from ManualsPrinter.com Manuals

Faxing from the scanner glass

You can use the scanner glass to fax pages of a book one at a time. The documents can be up to Letter or A4 size.

You cannot send colour faxes with multiple pages.

Note

Since you can only scan one page at a time, it is easier to use the ADF if you are sending a multiple page document.

1. Press (**Fax**).
2. Load your document *face down* on the scanner glass. (See *Using the scanner glass* on page 21.)
3. Enter the fax number using the dial pad or `Speed Dial`.

Note

You can preview a fax message before sending it by pressing `Preview`. For details, see *How to preview an outgoing fax* on page 36.

4. Press **Mono Start** or **Colour Start**.
   - If you press **Mono Start**, the machine starts scanning the first page. Go to step ❺.
   - If you press **Colour Start**, the machine starts sending the document.
5. When the LCD asks you `Next Page?`, do one of the following:
   - To send a single page, press `No` (or press **Mono Start** again).

     The machine starts sending the document.
   - To send more than one page, press `Yes` and go to step ❻.
6. Place the next page on the scanner glass.
   Press **Mono Start** or **Colour Start**.
   The machine starts scanning the page.
   (Repeat steps ❺ and ❻ for each additional page.)

Faxing Letter size documents from the scanner glass

When documents are Letter size, you need to set `Glass ScanSize` to Letter. If you do not, the side portion of the faxes will be missing.

1. Press (**Fax**).
2. Press ◄ or ► to display `Glass ScanSize`.
3. Press `Glass ScanSize`.
4. Press `Letter`.

Note

You can save the setting you use most often by setting it as default. (See *Setting your changes as a new default* on page 41.)

Colour fax transmission

Your machine can send a colour fax to machines that support this feature.

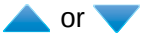
Colour faxes cannot be stored in the memory. When you send a colour fax, the machine will send it in real time (even if `Real Time TX` is set to `Off`).

Downloaded from ManualsPrinter.com Manuals

How to preview an outgoing fax

You can preview a fax message before you send it. You must set the Real Time Transmission and Polling RX to off before you use this feature. (See *Real time transmission* on page 39 and *Polling receive* on page 85.)

1. Press (**Fax**).
2. Press ◄ or ► to display `Preview`.
3. Press `Preview`.
4. Press `On`.
5. Load the document.
6. Enter the fax number using the dial pad. You can also enter the fax number by pressing `Speed Dial`. Then, press ▲ or ▼ to display the number you want, press the number to choose it, and then press `Send a fax`.
7. Press **Mono Start**.
   The machine starts scanning the document and the outgoing fax appears on the LCD.
   When the fax is displayed, press `MENU`. The buttons will appear on the LCD and perform the operations shown below.

Button	Description
	Enlarge the fax.
	Reduce the fax.
 or	Scroll vertically.
or	Scroll horizontally.
	Rotate the fax clockwise.
◄	Go back to the previous page.
►	Go to the next page.
	Close the preview table.

Note

The fax message in the memory will be sent and then erased when you press **Mono Start**.

8. Press **Mono Start**.

Cancelling a fax in progress

If you want to cancel a fax while the machine is scanning, dialling or sending, press **Stop/Exit**.

Downloaded from ManualsPrinter.com Manuals

Broadcasting (Monochrome only)

Broadcasting is when the same fax message is automatically sent to more than one fax number. You can include Groups, Speed Dial numbers and up to 50 manually dialled numbers in the same broadcast.

After the broadcast is finished, a Broadcast Report will be printed.

1. Press (**Fax**).
2. Load your document.
3. Press ◄ or ► to display `Broadcasting`.
4. Press `Broadcasting`.
5. You can add numbers to the broadcast in the following ways:
   - Press `Add Number` and enter a number using the buttons on the LCD.

     Press OK.
   - Press `Speed Dial`. Press to search by Alphabetical Order or Numerical Order. Press the entries that you want to add to the broadcast.

     Press OK.
6. After you have entered all the fax numbers by repeating step ❺, press OK.
7. Press **Mono Start**.

Note

- If you did not use up any of the numbers for Groups, you can ‘broadcast’ faxes to as many as 250 different numbers.
- The available memory will vary depending on the types of jobs in the memory and the number of locations used for broadcasting. If you broadcast to the maximum numbers available, you will not be able to use dual access and delayed fax.
- If the memory is full, press **Stop/Exit** to stop the job. If more than one page has been scanned, press **Mono Start** to send the portion that is in the memory.

Cancelling a Broadcast in progress

1. Press **Stop/Exit**.
2. Do one of the following:
   - To cancel the entire broadcast, press `Entire Broadcast`. Go to step ❸.
   - To cancel the current job, press the button that displays the number being dialled. Go to step ❹.
   - To exit without cancelling, press **Stop/Exit**.
3. When the LCD asks if you want to cancel the entire broadcast, do one of the following:
   - Press `Yes` to confirm.
   - To exit without cancelling, press `No` or **Stop/Exit**.
4. Do one of the following:
   - To cancel the current job, press `Yes`.
   - To exit without cancelling, press `No` or **Stop/Exit**.

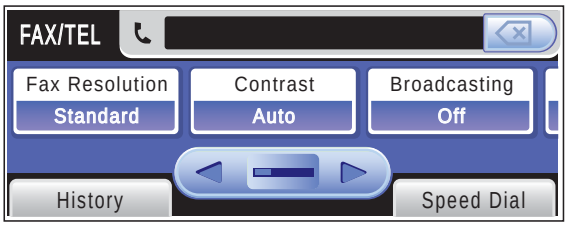
Downloaded from ManualsPrinter.com Manuals

Additional sending operations

Sending faxes using multiple settings

When you send a fax you can choose any combination of these settings: resolution, contrast, scan size, overseas mode, delayed fax timer, polling transmission and real time transmission.

1. Press (**Fax**).
   The LCD shows:



2. Press ◄ or ► to display a setting you want to change and press the setting, then press the option you want.
3. Go back to ❷ to change more settings.

Note

- Most settings are temporary and the machine returns to its default settings after you send a fax.
- You can save some of the settings you use most often by setting them as default. These settings will stay until you change them again. (See *Setting your changes as a new default* on page 41.)

Contrast

If your document is very light or very dark, you may want to change the contrast. For most documents the factory setting `Auto` can be used. It automatically chooses the suitable contrast for your document.
Use `Light` when sending a light document.
Use `Dark` when sending a dark document.

1. Press (**Fax**).
2. Press ◄ or ► to display `Contrast`.
3. Press `Contrast`.
4. Press `Auto`, `Light` or `Dark`.

Note

Even if you choose `Light` or `Dark`, the machine will send the fax using the `Auto` setting in any of the following conditions:

- When you send a colour fax.
- When you choose `Photo` as the Fax Resolution.

Downloaded from ManualsPrinter.com Manuals

Changing fax resolution

The quality of a fax can be improved by changing the fax resolution.

1. Press (**Fax**).
2. Press ◄ or ► to display `Fax Resolution`.
3. Press `Fax Resolution`.
4. Press the resolution you want.

Note

You can choose four different resolution settings for monochrome faxes and two for colour.

Monochrome	
`Standard`	Suitable for most typed documents.
`Fine`	Good for small print and transmits a little slower than Standard resolution.
`S.Fine`	Good for small print or artwork and transmits slower than Fine resolution.
`Photo`	Use when the document has varying shades of grey or is a photograph. This has the slowest transmission.

Colour	
`Standard`	Suitable for most typed documents.
`Fine`	Use when the document is a photograph. The transmission time is slower than Standard resolution.

If you choose `S.Fine` or `Photo` and then use the **Colour Start** key to send a fax, the machine will send the fax using the `Fine` setting.

Dual access (Monochrome only)

You can dial a number and start scanning the fax into memory—even when the machine is sending from memory, receiving faxes or printing PC data. The LCD shows the new job number and available memory.

The number of pages you can scan into the memory will vary depending on the data that is printed on them.

Note

If the `Out of Memory` message appears while scanning documents, press **Stop/Exit** to cancel or **Mono Start** to send the scanned pages.

Real time transmission

When you are sending a fax, the machine will scan the documents into the memory before sending. Then, as soon as the telephone line is free, the machine will start dialling and sending.

If the memory is full and you are sending a black and white fax from the ADF, the machine will send the document in real time (even if `Real Time TX` is set to `Off`).

Sometimes, you may want to send an important document immediately, without waiting for memory transmission. You can turn on `Real Time TX`.

1. Press (**Fax**).
2. Press ◄ or ► to display `Real Time TX`.
3. Press `Real Time TX`.
4. Press `On`.

Note

In real time transmission, the automatic redial feature does not work when using the scanner glass.

Downloaded from ManualsPrinter.com Manuals

Overseas Mode

If you are having difficulty sending a fax overseas due to possible interference on the telephone line, we recommend that you turn on the Overseas mode. After you send a fax using this feature, the feature will turn itself off.

1. Press (**Fax**).
2. Load your document.
3. Press ◄ or ► to display `Overseas Mode`.
4. Press `Overseas Mode`.
5. Press `On` (or `Off`).

Delayed Faxing (Monochrome only)

During the day you can store up to 50 faxes in the memory to be sent within 24-hours. These faxes will be sent at the time of day you enter in step ❻.

1. Press (**Fax**).
2. Load your document.
3. Press ◄ or ► to display `Delayed Fax`.
4. Press `Delayed Fax`.
5. Press `On`.
6. Enter the time you want the fax to be sent (in 24-hour format) using the buttons on the LCD.
   (For example, enter 19:45 for 7:45 PM.)
   Press `OK`.

Note

The number of pages you can scan into the memory depends on the amount of data that is printed on each page.

Delayed Batch Transmission (Monochrome only)

Before sending the delayed faxes, your machine will help you economize by sorting all the faxes in the memory by destination and scheduled time. All delayed faxes that are scheduled to be sent at the same time to the same fax number will be sent as one fax to save transmission time.

1. Press (**Fax**).
2. Press ◄ or ► to display `Batch TX`.
3. Press `Batch TX`.
4. Press `On`.
5. Press **Stop/Exit**.

Checking and cancelling waiting jobs

You can check which jobs are still waiting in the memory to be sent and cancel a job. (If there are no jobs, the LCD shows `No Jobs Waiting`.)

1. Press `MENU`.
2. Press ▲ or ▼ to display `Fax`.
3. Press `Fax`.
4. Press ▲ or ▼ to display `Remaining Jobs`.
5. Press `Remaining Jobs`.
   Any waiting jobs appear on the LCD.
6. Press ▲ or ▼ to scroll through the jobs and choose the job you want to cancel.
   Press `OK`.
7. Do one of the following:
   - To cancel, press `Yes`.
     If you want to cancel another job go to step ❻.
   - To exit without cancelling, press `No`.
8. When you have finished, press **Stop/Exit**.

Downloaded from ManualsPrinter.com Manuals

Setting your changes as a new default

You can save the fax settings for `Fax Resolution`, `Contrast`, `Glass ScanSize`, `Preview` and `Real Time TX` you use most often by setting them as default. These settings will stay until you change them again.

1. Press (**Fax**).
2. Press ◄ or ► to choose the menu option that you want to change. Press your new option.
   Repeat this step for each setting you want to change.
3. After changing the last setting, press ◄ or ► to display `Set New Default`.
4. Press `Set New Default`.
5. Press `Yes`.
6. Press **Stop/Exit**.

Restoring all settings to the factory settings

You can restore all the settings you have changed to the factory settings. These settings will stay until you change them again.

1. Press (**Fax**).
2. Press ◄ or ► to display `Factory Reset`.
3. Press `Factory Reset`.
4. Press `Yes`.
5. Press **Stop/Exit**.

Sending a fax manually

Manual transmission lets you hear the dialling, ringing and fax-receiving tones while sending a fax.

1. Press (**Fax**).
2. Load your document.
3. To listen for a dial tone do one of the following:
   - (MFC-790CW) Press **Speaker Phone** on the machine or pick up the handset.
   - (MFC-990CW) Press **Speaker Phone** on the machine or press (**Talk**) on the cordless handset.
4. Dial the fax number using the dial pad.
5. When you hear the fax tone, press **Mono Start** or **Colour Start**.
   If you are using the scanner glass press `Send` to send the fax.
6. If you pick up the handset, replace it.

Sending a fax at the end of a conversation

At the end of a conversation you can send a fax to the other party before you both hang up.

1. Ask the other party to wait for fax tones (beeps) and then to press the Start or Send key before hanging up.
2. Load your document.
3. Press **Mono Start** or **Colour Start**.
   - If you are using the scanner glass, press `Send` to send the fax.
4. Replace the handset.

Downloaded from ManualsPrinter.com Manuals

Out of Memory message

If you get an `Out of Memory` message while scanning the first page of a fax, press **Stop/Exit** to cancel the fax.

If you get an `Out of Memory` message while scanning a subsequent page, you will have the option to press **Mono Start** to send the pages scanned so far, or to press **Stop/Exit** to cancel the operation.

Note

If you do not want to delete your stored faxes to clear the memory, you can send the fax in real time. (See *Real time transmission* on page 39.)

Downloaded from ManualsPrinter.com Manuals

6 Receiving a Fax

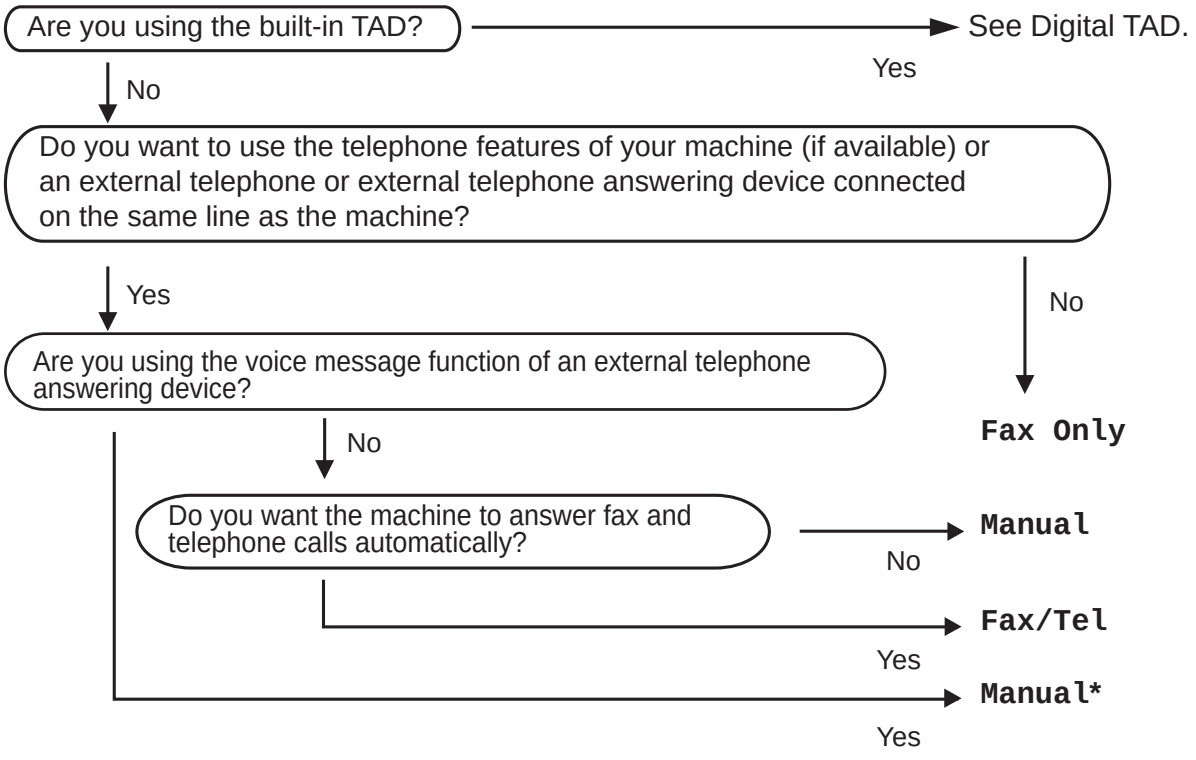
Receive modes

You must choose a receive mode depending on the external devices and telephone services you have on your line.

Choose the Receive Mode

By default, your machine will automatically receive any faxes that are sent to it. The diagram below will help you choose the correct mode.

For more detailed information on the receive modes, see *Using receive modes* on page 45.


Are you using the built-in TAD?
See Digital TAD.
Yes
No
Do you want to use the telephone features of your machine (if available) or an external telephone or external telephone answering device connected on the same line as the machine?
Yes
No
Are you using the voice message function of an external telephone answering device?
No
Fax Only
Do you want the machine to answer fax and telephone calls automatically?
Manual
No
Fax/Tel
Yes
Manual*
Yes

***** We recommend you set **Fax Detect** to **On.**

Downloaded from ManualsPrinter.com Manuals

To set a receive mode follow the instructions below.

1. Press MENU.
2. Press ▲ or ▼ to display Initial Setup.
3. Press Initial Setup.
4. Press ▲ or ▼ to display Receive Mode.
5. Press Receive Mode.
6. Press Fax Only, Fax/Tel or Manual.
7. Press **Stop/Exit**.
   The LCD will display the current receive mode.

Downloaded from ManualsPrinter.com Manuals

Using receive modes

Some receive modes answer automatically (Fax Only and Fax/Tel). You may want to change the ring delay before using these modes. (See *Ring Delay* on page 46.)

Fax only

Fax only mode will automatically answer every call as a fax call.

Fax/Tel

Fax/Tel mode helps you automatically manage incoming calls, by recognizing whether they are fax or voice calls and dealing with them in one of the following ways:

- Faxes will be automatically received.
- Voice calls will start the F/T Ring to tell you to pick up the line. The F/T Ring is a fast double ring made by your machine.

(See *F/T Ring Time (Fax/Tel mode only)* on page 46 and *Ring Delay* on page 46.)

You can provide useful information or advise callers to hold until their call is answered by recording a voice message. They will hear this message when the F/T ring sounds. The caller will not be able to leave a message. See *Outgoing message (OGM)* on page 78.

Manual

To receive a fax in manual mode, press **Speaker Phone** or lift the handset of an external telephone. When you hear fax tones (short repeating beeps), press **Mono Start** or **Colour Start** and Receive. You can also use the Fax Detect feature to receive faxes by lifting a handset on the same line as the machine.

See *Fax Detect* on page 47.

TAD

TAD helps you automatically manage incoming calls, by recognising whether they are fax or voice calls and dealing with them in one of the following ways:

- Faxes will be automatically received.
- Voice callers can record a message.

To set up the TAD mode, see page 78.

	If TAD Mode is On, it will override your receive mode setting. The screen shows TAD.
	If TAD Mode is Off, the receive mode returns to your original setting. (See *TAD-Mode for internal TAD* on page 78.)

Note

Do not turn off Distinctive Ring if you are subscribed to FaxStream® Duet®.

Downloaded from ManualsPrinter.com Manuals

Receive mode settings

Ring Delay

If toll saver is On, then the ring delay setting has no effect. See *Setting toll saver* on pages 81.

1. Press MENU.
2. Press ▲ or ▼ to display Fax.
3. Press Fax.
4. Press ▲ or ▼ to display Setup Receive.
5. Press Setup Receive.
6. Press ▲ or ▼ to display Ring Delay.
7. Press Ring Delay.
8. Press Ring Delay again.
9. Press the number of times the machine will ring before it answers (2-10 for Australia, 1-10 for New Zealand, 0-10 for some countries).
   If you choose 0, the line will not ring at all.
10. Press **Stop/Exit**.

F/T Ring Time (Fax/Tel mode only)

When somebody calls your machine, you and your caller will hear the normal telephone ring sound. The number of rings is set by the ring delay setting.

If the call is a fax, then your machine will receive it; however, if it is a voice call the machine will sound the F/T Ring (a fast double-ring) for the time you have set in the F/T Ring time setting. If you hear the F/T Ring it means that you have a voice caller on the line.

Because the F/T Ring is made by the machine, extension and external telephones will *not* ring; however, you can still answer the call on any telephone. (For more information see *Using remote codes* on page 68.)

1. Press MENU.
2. Press ▲ or ▼ to display Fax.
3. Press Fax.
4. Press ▲ or ▼ to display Setup Receive.
5. Press Setup Receive.
6. Press ▲ or ▼ to display F/T Ring Time.
7. Press F/T Ring Time.
8. Press how long the machine will ring to alert you that you have a voice call (20, 30, 40 or 70 seconds for Australia and some countries, 20, 30, 40 or 55 seconds for New Zealand).
9. Press **Stop/Exit**.

Note

Even if the caller hangs up during the pseudo/double-ringing, the machine will continue to ring for the set time.

Downloaded from ManualsPrinter.com Manuals

Fax Detect

If Fax Detect is On:

Fax Detect is turned On as default.

The machine receives a fax call automatically, even if you answer the call. When you see Receiving on the LCD or when you hear “chirps” through the handset you are using, just replace the handset. Your machine will do the rest.

If Fax Detect is Semi:

The machine will only receive a fax call automatically if you answered it using the machine’s handset, cordless handset or Speaker Phone. If you answered at an extension telephone, press ✳ **5 1** (✳ **9 1** for New Zealand). (See *Operation from extension telephones* on page 68.)

If Fax Detect is Off:

If you are at the machine and answer a fax call by lifting the handset, press **Mono Start** or **Colour Start**, then press Receive to receive the fax.

If you answered at an extension telephone, press ✳ **5 1** (✳ **9 1** for New Zealand). (See *Operation from extension telephones* on page 68.)

Note

- If this feature is set to On, but your machine does not connect a fax call when you lift an extension or external telephone handset, press the remote activation code ✳ **5 1** (✳ **9 1** for New Zealand).
- If you send faxes from a computer on the same telephone line and the machine intercepts them, set Fax Detect to Off.
- (MFC-990CW) If you typically carry the cordless handset away from the machine, we recommend that you turn on Fax Detect. If Fax Detect is turned off and you answer a fax call, you will have to go to the machine and press **Mono Start** or **Colour Start**.

1. Press MENU.
2. Press ▲ or ▼ to display Fax.
3. Press Fax.
4. Press ▲ or ▼ to display Setup Receive.
5. Press Setup Receive.
6. Press ▲ or ▼ to display Fax Detect.
7. Press Fax Detect.
8. Press On, Semi (or Off).
9. Press **Stop/Exit**.

Downloaded from ManualsPrinter.com Manuals

Memory Receive (Monochrome only)

You can only use one Memory Receive operation at a time:

- Fax Forwarding
- Fax Storage
- PC Fax Receive
- Off

You can change your selection at any time. If received faxes are still in the machine's memory when you change the Memory Receive operation, a message will appear on the LCD. (See *Changing Memory Receive Operations* on page 50.)

Fax Forwarding

When you choose Fax Forward, your machine stores the received fax in the memory. The machine will then dial the fax number you have programmed and forward the fax message.

1. Press MENU.
2. Press ▲ or ▼ to display Fax.
3. Press Fax.
4. Press ▲ or ▼ to display Setup Receive.
5. Press Setup Receive.
6. Press ▲ or ▼ to display Memory Receive.
7. Press Memory Receive.
8. Press Fax Forward.
9. Enter the forwarding number (up to 20 digits) using the buttons on the LCD. Press OK.
10. Press Backup Print:On or Backup Print:Off.

Note

- If you choose Backup Print:On, the machine will also print the fax so you will have a copy. This is a safety feature in case there is a power failure before the fax is forwarded or a problem at the receiving machine. The Backup Print:On feature will not work if Fax Preview is on.
- The machine can store faxes for approximately 24 hours if there is a power failure.
- When you receive a colour fax, your machine prints the colour fax but does not send the fax to the fax forwarding number you programmed.

11. Press **Stop/Exit**.

Fax Storage

If you choose Fax Storage, your machine stores the received fax in the memory. You will be able to retrieve fax messages from another location using the remote retrieval commands.

If you have set Fax Storage, a backup copy will automatically be printed at the machine.

1. Press MENU.
2. Press ▲ or ▼ to display Fax.
3. Press Fax.
4. Press ▲ or ▼ to display Setup Receive.
5. Press Setup Receive.
6. Press ▲ or ▼ to display Memory Receive.
7. Press Memory Receive.
8. Press Fax Storage.
9. Press **Stop/Exit**.

Note

Colour faxes cannot be stored in the memory. When you receive a colour fax your machine prints the colour fax.

Downloaded from ManualsPrinter.com Manuals

PC Fax Receive

If you turn on the PC-Fax Receive feature your machine will store received faxes in memory and send them to your PC automatically. You can then use your PC to view and store these faxes.

Even if you have turned off your PC (at night or on the weekend, for example), your machine will receive and store your faxes in its memory. The number of received faxes that are stored in the memory will appear on the LCD.

When you start your PC and the PC-FAX Receiving software runs, your machine transfers your faxes to your PC automatically.

To transfer the received faxes to your PC you must have the PC-FAX Receiving software running on your PC. (For details, see *PC-FAX receiving* in the Software User's Guide on the CD-ROM.)

If you choose `Backup Print:On` the machine will also print the fax.

1. Press `MENU`.
2. Press ▲ or ▼ to display `Fax`.
3. Press `Fax`.
4. Press ▲ or ▼ to display `Setup Receive`.
5. Press `Setup Receive`.
6. Press ▲ or ▼ to display `Memory Receive`.
7. Press `Memory Receive`.
8. Press `PC Fax Receive`.
9. Press <USB> or the PC you want to receive faxes.
10. Press `OK`.
11. Press `Backup Print:On` or `Backup Print:Off`.
12. Press **Stop/Exit**.

Note

- PC Fax Receive is not supported in the Mac OS®.
- Before you can set up PC Fax Receive you must install the MFL-Pro Suite software on your PC. Make sure your PC is connected and turned on. (For details see *PC-FAX Receiving* in the Software User's Guide on the CD-ROM.)
- In the event of a power failure, the machine will store your faxes in the memory for approximately 24 hours. However, if you choose `Backup Print:On` the machine will print the fax, so you will have a copy if there is a power failure before it is sent to the PC.
- If you get an error message and the machine cannot print the faxes in memory, you can use this setting to transfer your faxes to your PC. (For details, see *Error and Maintenance messages* on page 150.)
- When you receive a colour fax, your machine prints the colour fax but does not send the fax to your PC.

Changing the destination PC

1. Press `MENU`.
2. Press ▲ or ▼ to display `Fax`.
3. Press `Fax`.
4. Press ▲ or ▼ to display `Setup Receive`.
5. Press `Setup Receive`.
6. Press ▲ or ▼ to display `Memory Receive`.
7. Press `Memory Receive`.
8. Press `PC Fax Receive`.

Downloaded from ManualsPrinter.com Manuals

9 Press <USB>, or the PC you want to receive faxes.
Press OK.

10 Press Backup Print:On or Backup Print:Off.

11 Press **Stop/Exit**.

Turning off Memory Receive Operations

1 Press MENU.

2 Press ▲ or ▼ to display Fax.

3 Press Fax.

4 Press ▲ or ▼ to display Setup Receive.

5 Press Setup Receive.

6 Press ▲ or ▼ to display Memory Receive.

7 Press Memory Receive.

8 Press Off.

9 Press **Stop/Exit**.

Note

The LCD will give you more options if there are received faxes still in your machine's memory. (See *Changing Memory Receive Operations* on page 50.)

Changing Memory Receive Operations

If received faxes remain in your machine's memory when you change the Memory Receive Operations, the LCD will ask you one of the following questions:

- Erase All Doc?
- Print All Fax?
  - If you press Yes, faxes in the memory will be erased or printed before the setting changes. If a backup copy has already been printed it will not be printed again.
  - If you press No, faxes in the memory will not be erased or printed and the setting will be unchanged.

If received faxes are left in the machine's memory when you change to PC Fax Receive from another option [Fax Forward or Fax Storage], press ▲ or ▼ to choose the PC or USB.

The LCD will ask you the following question:

- Send Fax to PC?
  - If you press Yes, faxes in the memory will be sent to your PC before the setting changes. You will be asked if you want to turn on Backup Print. (For detail, see *PC Fax Receive* on page 49.)
  - If you press No, faxes in the memory will not be erased or transferred to your PC and the setting will be unchanged.

Downloaded from ManualsPrinter.com Manuals

Fax Preview (Monochrome only)

How to preview a received fax

You can view received faxes on the LCD by pressing the Fax Preview button on the LCD. When the machine is in Ready mode, a popup message will appear on the LCD to alert you of new faxes.

Setting Fax Preview

1. Press MENU.
2. Press ▲ or ▼ to display Fax.
3. Press Fax.
4. Press ▲ or ▼ to display Setup Receive.
5. Press Setup Receive.
6. Press ▲ or ▼ to display Fax Preview.
7. Press Fax Preview.
8. Press On.
9. The LCD will tell you that any future faxes will not be printed as you receive them.
   Press Yes.
10. Press **Stop/Exit**.

Note

- When Fax Preview is turned on your machine can only print the colour faxes it receives. It cannot store them in memory.
- When Fax Preview is turned on a backup copy of received faxes will not be printed, even if you have set Backup Print On.
- (For Singapore and Hong Kong)
  Fax Preview is not available when Fax Forwarding is turned on.

Using Fax Preview

When you receive a fax, you will see the pop-up message on the LCD. (For example: New Fax 02)

1. Press Fax Preview.
   The LCD will display the new fax list.

Note

You can also see your old fax list by pressing the Old Fax tab on the LCD. Press the New Fax tab to go back to your new fax list.

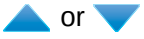
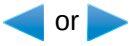
2. Press ▲ or ▼ to display the fax number of the fax you want to see.
3. Press the fax you want to see.

Note

- If your fax is large there may be a delay before it is displayed on the LCD.
- The LCD will show the current page number and total pages of the fax message. When your fax message is over 99 pages the total number of pages will be shown as “XX“.

Downloaded from ManualsPrinter.com Manuals

When the fax is displayed on the LCD, press More and the following buttons will appear on the LCD. Press the button you want to use to perform the operation.

Button	Description
	Enlarge the fax.
	Reduce the fax.
	Scroll vertically.
	Scroll horizontally.
	Rotate the fax clockwise.
	Delete the fax. Press Yes to confirm.
	Go back to the previous page.
	Go to the next page.
	Go back to the fax list.
	Print the fax.
	Close the preview table.

4. Press **Stop/Exit**.

How to print a fax

1. Press Fax Preview.
2. Press the fax you want to view.
3. Press More.
4. Press (Print).
   - If the fax is multiple pages, go to step 5.
   - If the fax is a single page it will start printing. Go to step 6.
5. Do one of the following:
   - Press Print All Pages to print all pages of the fax. Go to step 6.
   - Press Print Current Only to print the displayed page.
   - Press Print From Current to print the displayed page to the last page.
6. Do one of the following:
   - To delete the fax, press Yes.
   - To keep the fax in the memory, press No.

How to print all faxes in the list

1. Press Fax Preview.
2. Press More.
3. Press Print All.
4. Press **Stop/Exit**.

How to delete all faxes in the list

1. Press Fax Preview.
2. Press More.
3. Press Delete All.
   Press Yes to confirm.
4. Press **Stop/Exit**.

Downloaded from ManualsPrinter.com Manuals

Turning off Fax Preview

1. Press Fax Preview.
2. Press More.
3. Press Turn Off Fax Preview.
4. Press Yes to confirm.
5. If there are faxes stored in the memory, do one of the following:
   - If you do not want to print the stored faxes, press Continue.
     The machine asks you to confirm the deletion of the stored faxes.
     Press Yes to confirm.
   - If you want to print all the stored faxes, press Print all faxes.
   - If you do not wish to turn off Fax Preview, press Cancel.
     Press **Stop/Exit**.

Additional receiving operations

Printing a reduced incoming fax

If you choose On, the machine automatically reduces each page of an incoming fax to fit on one page of A4, Letter or Legal size paper. The machine calculates the reduction ratio by using the page size of the fax and your Paper Size setting. (See *Paper Size* on page 26.)

1. Press MENU.
2. Press ▲ or ▼ to display Fax.
3. Press Fax.
4. Press ▲ or ▼ to display Setup Receive.
5. Press Setup Receive.
6. Press ▲ or ▼ to display Auto Reduction.
7. Press Auto Reduction.
8. Press On (or Off).
9. Press **Stop/Exit**.

Receiving a fax at the end of a conversation (MFC-790CW only)

At the end of a conversation you can ask the other party to fax you information before you both hang up.

1. Ask the other party to place the document in their machine and to press the Start or Send key.
2. When you hear the other machine's CNG tones (slowly repeating beeps), press **Mono Start** or **Colour Start**.
3. Press Receive to receive the fax.
4. Replace the handset.

Downloaded from ManualsPrinter.com Manuals

Out of Paper Reception

As soon as the paper tray becomes empty during fax reception, the LCD shows `No Paper Fed` and begins receiving faxes into the machine's memory. Put some paper in the paper tray. (See *Loading paper and other print media* on page 10.)

When a fax is in the memory, the LCD will show a message (for example, `New Fax: 01`).

The machine will carry on receiving the fax, with the remaining pages being stored in memory, if enough memory is available.

Further incoming faxes will also be stored into memory until the memory is full. When the memory is full the machine will stop automatically answering calls. To print the faxes, put fresh paper in the tray.

Printing a fax from the memory

If you have chosen fax storage, you can still print a fax from the memory when you are at your machine (See *Memory Receive (Monochrome only)* on page 48).

1. Press `MENU`.
2. Press ▲ or ▼ to display `Fax`.
3. Press `Fax`.
4. Press ▲ or ▼ to display `Print Document`.
5. Press `Print Document`.
6. Press **Mono Start**.
7. Press **Stop/Exit**.

Note

When you print a fax from the memory, the fax data will be erased.

Remote Retrieval

You can call your machine from any touch tone telephone or fax machine, then use the remote access code and remote commands to retrieve fax messages.

Setting a Remote Access Code

The remote access code lets you access the remote retrieval features when you are away from your machine. Before you can use the remote access and retrieval features, you have to set up your own code. The factory default code is inactive code (---✳).

1. Press `MENU`.
2. Press ▲ or ▼ to display `Fax`.
3. Press `Fax`.
4. Press ▲ or ▼ to display `Remote Access`.
5. Press `Remote Access`.
6. Enter a 3-digit code using numbers `0`-`9`, ✳, or # using the buttons on the LCD. Press `OK`. (The preset '✳' cannot be changed.)

Note

Do not use the same code as your Remote Activation Code (✳ **5 1** (✳ **9 1** for New Zealand)) or Remote Deactivation Code (# **5 1** (# **9 1** for New Zealand)). (See *Operation from extension telephones* on page 68.)

7. Press **Stop/Exit**.

Note

You can change your code at any time by entering a new one. If you want to make your code inactive, press Clear in step 6 to restore the inactive setting (---✳) and press `OK`.

Downloaded from ManualsPrinter.com Manuals

Using your Remote Access Code

1. Dial your fax number from a touch tone telephone or another fax machine.
2. When your machine answers, enter your remote access code (3 digits followed by ✳) at once.
3. The machine signals if it has received messages:
   - **1 long beep — Fax messages**
   - **2 long beeps — Voice messages**
   - **3 long beeps — Fax & Voice messages**
   - **No beeps — No messages**
4. When the machine gives two short beeps, enter a command.
   The machine will hang up if you wait longer than 30 seconds to enter a command.
   The machine will beep three times if you enter an invalid command.
5. Press **9 0** to stop Remote Access when you have finished.
6. Hang up.

Note

If your machine is set to `Manual` mode and you want to use the remote retrieval features, wait about 100 seconds after it starts ringing, and then enter the remote access code within 30 seconds. This function may not be available in some countries e.g. Australia.

Downloaded from ManualsPrinter.com Manuals

Remote Fax commands

Follow the commands below to access features when you are away from the machine. When you call the machine and enter your remote access code (3 digits followed by ✳), the system will give two short beeps and you must enter a remote command.

Remote commands			Operation details
91	**Playing Voice messages**		After one long beep, the machine plays the ICM.
	1 Repeat or Skip Backward		Press **1** while listening to an ICM to repeat it. If you press **1** before a message, you will hear the previous message.
	2 Skip Forward		While playing the ICM, you can skip to the next message.
	9 STOP Playing		Stop Playing the ICM.
93	**Erase all ICM**		If you hear one long beep, the erase is accepted. If you hear three short beeps, you cannot erase because all voice messages have not been played, or there are no voice messages to erase. *This code erases all recorded messages, not one at a time.
94	**Play and Record OGM in Memory**		
	1 Play	1 TAD Message	The machine plays the selected OGM. You can stop playing OGMs by pressing **9**.
		2 F/T Message	
	2 Record	1 TAD Message	After one long beep, you can record the selected OGM. You will hear the message played once. You can stop recording the message by pressing **9**.
		2 F/T Message	
95	**Change the Fax Forwarding or Fax Storage settings**		
	1 OFF		You can choose `Off` after you have retrieved or erased all your messages.
	2 Fax Forwarding		One long beep means the change is accepted. If you hear three short beeps, you cannot change because something has not been set up (for example, a Fax Forwarding number has not been registered). You can register your Fax Forwarding number by entering 4. (See *Changing your Fax Forwarding number* on page 57.) Once you have registered the number, Fax Forwarding will work.
	4 Fax Forwarding number		
	6 Fax Storage		
96	**Retrieve a fax**		
	2 Retrieve all faxes		Enter the number of a remote fax machine to receive stored fax messages. (See *Retrieving fax messages* on page 57.)
	3 Erase faxes from the memory		If you hear one long beep, fax messages have been erased from the memory.
97	**Check the receiving status**		
	1 Fax		You can check whether your machine has received any faxes or voice messages. If yes, you will hear one long beep. If no, you will hear three short beeps.
	2 Voice		

Downloaded from ManualsPrinter.com Manuals

Remote commands		Operation details
98	**Change the Receive Mode**	
	1 TAD	If you hear one long beep, your change has been accepted.
	2 Fax/Tel	
	3 Fax Only	
90	**Exit**	Pressing **9 0** allows you to exit remote retrieval. Wait for the long beep, then replace the handset.

Retrieving fax messages

You can call your machine from any touch tone telephone and have your fax messages sent to a machine. Before you use this feature, you have to turn on Fax Storage.

1. Dial your fax number.
2. When your machine answers, enter your remote access code (3 digits followed by ⁎) at once. If you hear one long beep, you have messages.
3. When you hear two short beeps, press **9 6 2**.
4. Wait for the long beep, enter the number (up to 20 digits) of the remote fax machine you want your fax messages sent to using the dial pad, then enter # #.

Note

You cannot use ⁎ and # as dial numbers. However, press # if you want to create a pause.

5. Hang up after you hear your machine beep. Your machine will call the other fax machine, which will then print your fax messages.

Changing your Fax Forwarding number

You can change the default setting of your fax forwarding number from another touch tone telephone or fax machine.

1. Dial your fax number.
2. When your machine answers, enter your remote access code (3 digits followed by ⁎) at once. If you hear one long beep, you have messages.
3. When you hear two short beeps, press **9 5 4**.
4. Wait for the long beep, enter the new number (up to 20 digits) of the remote fax machine you want your fax messages forwarded to using the dial pad, then enter # #.

Note

You cannot use ⁎ and # as dial numbers. However, press # if you want to create a pause.

5. Press **9 0** when you have finished.
6. Hang up after you hear your machine beep.

Downloaded from ManualsPrinter.com Manuals

7 Telephone and External devices

Voice operations

Voice calls can be made either with the handset, the cordless handset (MFC-990CW), the speaker phone, an extension or external telephone, by dialling manually, or by using Quick Dial numbers.

Note

If you have a MFC-990CW, please also refer to the DECT™ Handset BCL-D70 User's Guide.

Making a telephone call

1. To start a voice call, do one of the following:
   - Pick up the handset. (MFC-790CW only)
   - Press **Speaker Phone**.
2. When you hear the dial tone, enter a number using the dial pad or pressing the `Speed Dial`.
3. If you pressed **Speaker Phone**, speak clearly toward the microphone.
4. To hang up, do one of the following:
   - Replace the handset. (MFC-790CW only)
   - Press **Speaker Phone**.

Answering calls with the Speaker Phone

When the machine rings, instead of lifting the handset, press **Speaker Phone** on the machine. Speak clearly toward the microphone. To end the call, press **Speaker Phone**.

Note

If you have a bad connection, your caller might hear your voice echoed during the call. If you experience this problem, pick up the handset, or hang up and try the call again.

Hold

For MFC-790CW

1. Press **Erase/Hold** to put a call on Hold. You can replace the handset without disconnecting the call.
2. Pick up the machine's handset or press **Speaker Phone** to release the call from Hold.

Note

You can pick up an extension telephone and continue speaking without releasing the call from Hold on the machine.

Downloaded from ManualsPrinter.com Manuals

For MFC-990CW

1. If you answered by pressing **Speaker Phone** on the machine, press **Hold/Intercom** on the machine to put a call on Hold.
2. To release the call from Hold, press **Speaker Phone** on the machine.

Note

You can pick up an extension telephone and continue speaking without releasing the call from Hold on the machine.

Tone or Pulse (Not Available for New Zealand)

If you have a Pulse dialling service, but need to send Tone signals (for example, for telephone banking), follow the instructions below:

1. Press **Speaker Phone** on the machine.
2. Press # on the machine's control panel. Any digits dialled after this will send tone signals.

When you hang up, the machine will return to the Pulse dialling service.

Fax/Tel mode

When the machine is in Fax/Tel mode, it will use the F/T Ring Time (pseudo/double-ringing) to alert you to pick up a voice call.

If you are at the machine, you can lift the handset, the cordless handset or press **Speaker Phone** to answer.

If you are at an extension telephone, you'll need to lift the handset during the F/T Ring Time and then press **# 5 1** (**# 9 1** for New Zealand) between the pseudo/double rings. If no one is on the line, or if someone wants to send you a fax, send the call back to the machine by pressing **✳ 5 1** (**✳ 9 1** for New Zealand).

Fax/Tel mode in Power Save condition

When the machine is in Power Save condition you can receive faxes if the Power Save setting is `Fax Receive:On`. (See *Power Save setting* on page 23.)

(MFC-790CW)
When the machine is in Fax/Tel mode and F/T rings to tell you to pick up a voice call, you can only answer by picking up the machine's handset.

If you answer before the machine F/T rings, you can also pick up the call at an external or extension telephone.

(MFC-990CW)
Set `Ring Tone` to `On` to hear the rings when you receive a call. (See *Power Save setting* on page 23.)

When the machine is in Fax/Tel mode and rings, you can only answer at an external or extension telephone.

Downloaded from ManualsPrinter.com Manuals

Telephone Service for Australia

Telstra® FaxStream® Duet® (Distinctive Ring)

Telstra® FaxStream® Duet® is an enhanced Public Switched Telephone Service (PSTS) offered by Telstra® that allows you to have an additional number on one phone line, with its own distinctive ring pattern. Telstra® FaxStream® Duet® is a call handling feature that helps users distinguish voice and facsimile calls. With FaxStream® Duet®, incoming calls to a fax number are announced by a different, distinctive ring signal. Only one call can be answered (or made) at any one time and while this call is in progress, incoming calls to either number will be presented with a busy tone.

Your machine has a Distinctive Ring function, allowing you to dedicate one phone number just for receiving faxes.

Note

After you have set the Distinctive Ring feature to `On`, the receive mode is set to `Manual` automatically. Your Distinctive Ring Number does not allow Voice calls - only Faxes. You can not change the receive mode from `Manual` mode while the Distinctive Ring is set to on.

What is the Advantage of using Telstra® FaxStream® Duet® Function?

Using Telstra® FaxStream® Duet® is the most efficient way to receive both fax and telephone calls on the same line. When the voice call comes in, all phones (extension and external) and the fax machine will ring to alert you to pick it up. If a fax call comes in, the fax machine will answer automatically without ringing, whereas the extension and external phones will ring twice with a distinctive ring pattern. It is also a more efficient way of operating a Fax machine with an extension phone as you do not have to use the remote activation codes. It gives you two independent numbers without the higher cost of a second line.

Downloaded from ManualsPrinter.com Manuals

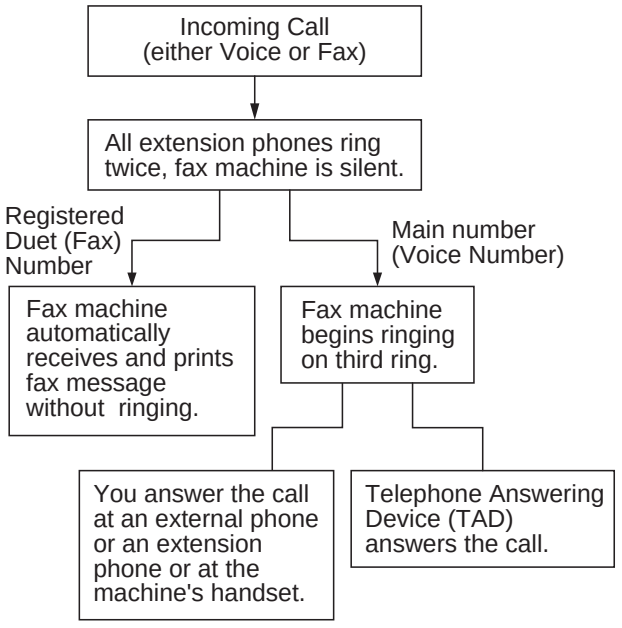
How does Telstra® FaxStream® Duet® Work?

Incoming calls to the voice number, will have the standard ring pattern of long, long tone, followed by a pause, repeated, while the new fax number will have a different ring pattern of three short bursts of ring, repeated at regular intervals.

When FaxStream® Duet® is On and you receive a voice call all extension and external phones will ring with a standard ring pattern. The fax machine will ring on the third ring with a standard ring pattern. All external and the extension phones will continue to ring, until you or a telephone answering device can answer the voice number.

When FaxStream® Duet® is On and you receive a fax call on the Duet® number the Fax machine will answer and automatically receive the fax message without ringing. On the other hand, all extension and external phones will ring twice with a distinctive ring pattern. Do not answer the phone as you are receiving a fax message.

Flowchart Sequence of Incoming call


Incoming Call
(either Voice or Fax)
All extension phones ring twice, fax machine is silent.
Registered Duet (Fax) Number
Main number (Voice Number)
Fax machine automatically receives and prints fax message without ringing.
Fax machine begins ringing on third ring.
You answer the call at an external phone or an extension phone or at the machine's handset.
Telephone Answering Device (TAD) answers the call.

Registering the Distinctive Ring pattern

Very Important!

After you have set the Distinctive Ring feature to on, the receive mode is set to Manual automatically. Your Distinctive Ring Number does not allow Voice calls - only Faxes. You cannot change the receive mode to another mode while the Distinctive Ring is set to on.

1. Press MENU.
2. Press ▲ or ▼ to display Fax.
3. Press Fax.
4. Press ▲ or ▼ to display Miscellaneous.
5. Press Miscellaneous.
6. Press Distinctive.
7. Press On.
8. Press **Stop/Exit**.
   Distinctive Ring is now set to on.

Turning off Distinctive Ring

1. Press MENU.
2. Press ▲ or ▼ to display Fax.
3. Press Fax.
4. Press ▲ or ▼ to display Miscellaneous.
5. Press Miscellaneous.
6. Press Distinctive.
7. Press Off.
8. Press **Stop/Exit**.

Note

If you turn off Distinctive Ring, the machine will stay in Manual receive mode. You will need to set the Receive Mode again. (See *Choose the Receive Mode* on page 43.)

Downloaded from ManualsPrinter.com Manuals

Caller ID

Caller ID is a telephone service that allows the subscriber to see a display of the caller's phone number or name as the telephone rings. It is a fast way to screen your calls. You can respond quickly to calls you missed, because Caller IDs are received and stored in your machine memory.

Note

To get the Caller ID Service: apply for the Caller ID service at your local telephone company, if available.

Advantages of Caller ID

For Business

All businesses profit from a quicker response to customer calls. Businesses that provide mail order services, money-lending services or provide confidential information, can protect themselves from false orders or acceptance of false identification.

At Home

Residential customers can protect themselves from unwanted calls.

How Does the Caller ID Work?

The Caller ID Appears on the Display When Your Telephone Rings

As your telephone rings, the display shows you the caller's phone number or name if the name has stored in the Speed-Dial. Once you answer the call, the caller's ID disappears. You will see up to the first 16 characters of the number on the display.

Note

- If `ID Unknown` appears on the display, it means that the call came from outside your caller ID service area or a public phone. [1]
- If `ID Withheld` appears on the display, it means the caller intentionally blocked the transmission of his/her ID. [1]

[1] Depends on network function.

The Caller ID is Stored in Your Machine Memory

The machine can store a maximum of the last 30 incoming caller IDs in the memory, along with the time and date of reception. The 31st call will cause the oldest ID to be erased.

The Caller ID information stored in the memory can be used for the following.

- **Printing the Caller ID List.**

  You can review calls you received by checking the Caller IDs in memory. This report will list the Date, Time, Phone Number (Caller ID) name, and type of Call (Comment) if available. (See *How to print a report* on page 84.)

Downloaded from ManualsPrinter.com Manuals

Telephone Service for New Zealand

FaxAbility

FaxAbility is a service offered by Telecom that allows you to have an additional number on one phone line, with its own distinctive ring pattern. This way, when you get an incoming call, you can identify the number being called by its ring.

How Will the Fax Machine Treat All Other Numbers?

FaxAbility mode ensures that the machine will answer calls to the FaxAbility (secondary) number. When a call comes in to your main number, all the phones will ring. You can set an external answering device (TAD) to answer calls on the other number(s).
(See the chart in the following page.)

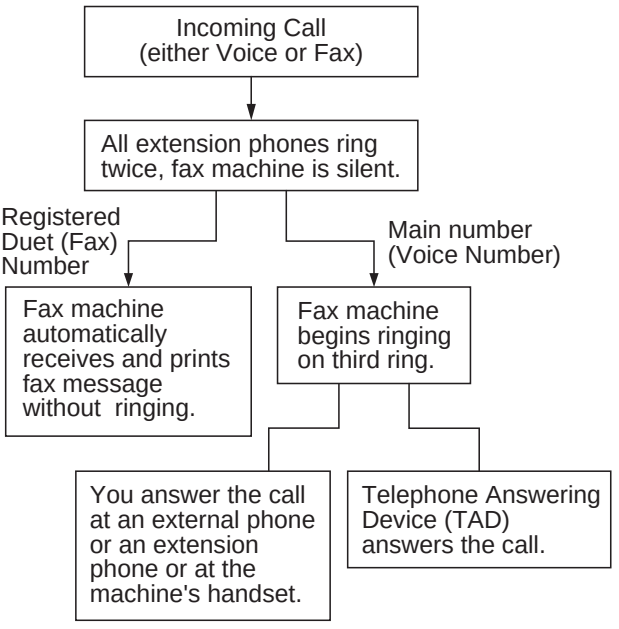
What is the Advantage of Using the FaxAbility Function?

Using FaxAbility is the most efficient way to receive both fax and telephone calls on the same line. It is much easier for your callers who dial manually. The fax machine will answer with receiving tones so they will not have to press an activation code. And the people who call to talk on your main number will not have to talk to your fax machine. Basically, it gives you two independent numbers without the higher cost of a second line.

How Does FaxAbility Work?

Your telephone number will have the standard ring pattern of long, long tone, while the new number will have a ring pattern of long, silence, long, etc. When FaxAbility is On, you will not hear the first ring of all incoming calls on the fax machine. Extension phones will ring as usual. If the fax machine recognizes the ring pattern, all ringing will stop and the fax machine will answer and automatically receive the fax message. Otherwise, you will hear the extension phones and the fax machine continue to ring. The fax machine always listens to the ring pattern before it answers, so do not pick up the phone during that time. You will quickly learn to recognize the ring pattern for faxes, so you will not be tempted to answer that number. Either you or a telephone answering device can answer the main number(s).

Flowchart Sequence of Incoming call


Incoming Call
(either Voice or Fax)
All extension phones ring twice, fax machine is silent.
Registered Duet (Fax) Number
Main number (Voice Number)
Fax machine automatically receives and prints fax message without ringing.
Fax machine begins ringing on third ring.
You answer the call at an external phone or an extension phone or at the machine's handset.
Telephone Answering Device (TAD) answers the call.

Note

After you have set the FaxAbility feature to On, the receive mode is set to Manual automatically. Unless you have a TAD or Voice Mail set up on the FaxAbility number, Manual mode means you must answer all the call yourself. You can not change the receive mode to the other mode while the FaxAbility is set to on.

Downloaded from ManualsPrinter.com Manuals

How to Turn FaxAbility OFF or ON

The FaxAbility function is designed to accommodate the FaxAbility service provided by Telecom. To change the setting, repeat steps ❶-⓫; Step ❽ is where you can choose either On or Off.

Call Waiting beeps caused by incoming calls on your main number can affect fax transmissions. If you have FaxAbility Service but don't have Call Waiting, you need do nothing at this stage. If you do have Call Waiting as well as FaxAbility, set the Call Waiting menu option to On. See below.

1. Press MENU.
2. Press ▲ or ▼ to display Fax.
3. Press Fax.
4. Press ▲ or ▼ to display Miscellaneous.
5. Press Miscellaneous.
6. Press ▲ or ▼ to display Faxability.
7. Press Faxability.
8. Press On (or Off) to set FaxAbility. If you have FaxAbility service, press On.
9. Press ▲ or ▼ to display Call Waiting.
10. Press Call Waiting.
11. Press On to set Call Waiting. If you have Call Waiting service, press On to avoid the trouble caused by Call Waiting.
12. Press **Stop/Exit**.

Caller ID

Caller ID is a telephone service that allows the subscriber to see a display of the caller's phone number and name if available as the telephone rings. It is a fast way to screen your calls. You can respond quickly to calls you missed, because Caller IDs are received and stored in your machine memory.

Note

To get the Caller ID Service, apply for the Caller ID service at your local telephone company, if available.

Advantages of Caller ID

For Business

All businesses profit from a quicker response to customer calls. Businesses that provide mail order services, money-lending services or provide confidential information, can protect themselves from false orders or acceptance of false identification.

At Home

Residential customers can protect themselves from unwanted calls.

How Does the Caller ID Work?

The Caller ID Appears on the Display When Your Telephone Rings

As your telephone rings, the display shows you the caller's phone number or name if available. Once you answer the call, the caller's ID disappears. You will see up to the first 16 characters of the number and name if available on the display. (See *How to print a report* on page 84.)

Note

- If ID Unknown appears on the display, it means that the call came from outside your caller ID service area. [1]
- If ID Withheld appears on the display, it means the caller intentionally blocked the transmission of his/her ID. [1]

[1] Depends on network function.

Downloaded from ManualsPrinter.com Manuals

Telephone Service for Some Countries

Distinctive Ring (For Singapore and Hong Kong)

This machine feature lets you use the Distinctive Ring subscriber service offered by some telephone companies, which allows you to have several telephone numbers on one phone line. Each phone number has its own Distinctive Ring pattern, so you will know which phone number is ringing. This is one way you can have a separate phone number for your machine.

Your machine has a Distinctive Ring function, allowing you to dedicate one phone number just for receiving faxes. You will need to set Distinctive Ring to On.

Note

You can switch it off temporarily, then turn it back on. When you get a new fax number, make sure you reset this function.

- The machine will answer only calls to the Distinctive Ring number.

Registering the Distinctive Ring pattern

Very Important!

After you have set the Distinctive Ring feature to on, the receive mode is set to Manual automatically. Unless you have a TAD or Voice Mail set up on the Distinctive Ring number, Manual mode means you must answer all the calls yourself. You cannot change the receive mode to another mode while the Distinctive Ring is set to on.

1. Press MENU.
2. Press ▲ or ▼ to display Fax.
3. Press Fax.
4. Press ▲ or ▼ to display Miscellaneous.
5. Press Miscellaneous.
6. Press Distinctive.
7. Press On.
8. Press **Stop/Exit**.
   Distinctive Ring is now set to on.

Turning off Distinctive Ring

1. Press MENU.
2. Press ▲ or ▼ to display Fax.
3. Press Fax.
4. Press ▲ or ▼ to display Miscellaneous.
5. Press Miscellaneous.
6. Press Distinctive.
7. Press Off.
8. Press **Stop/Exit**.

Note

If you turn off Distinctive Ring, the machine will stay in Manual receive mode. You will need to set the Receive Mode again. (See *Choose the Receive Mode* on page 43.)

Downloaded from ManualsPrinter.com Manuals

Caller ID (For Singapore and Hong Kong)

The Caller ID feature of this machine lets you use the Caller ID subscriber service offered by many local phone companies. Call your telephone company for details. This service provides you, by means of the screen display, the telephone number (or name) of your caller as the line rings.

After a few rings, the screen displays the telephone number of your caller (or name, if available). Once you answer the call, the Caller ID information disappears from the screen, but the call information remains stored in the Caller ID memory.

- You will see the first 16 characters of the number or name.
- `ID Unknown` display means call originates outside your Caller ID service area.
- `ID Withheld` display means the caller has intentionally blocked transmission of information.

Note

You can print a list of Caller ID information received by your machine. (See *How to print a report* on page 84.)

Caller ID service varies with different carriers. Call your local phone company to determine the kind of service available in your area.

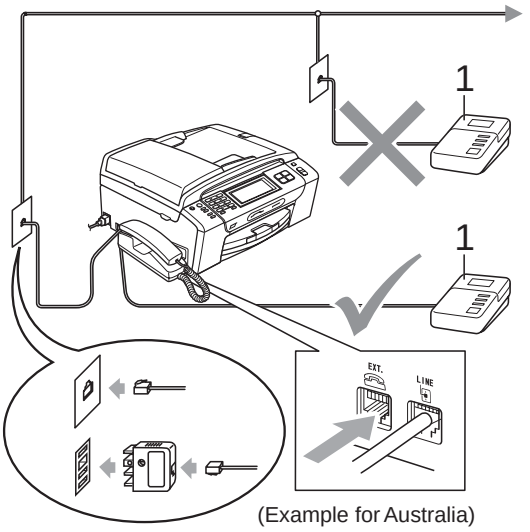
Connecting an external TAD (telephone answering device)

You may choose to connect an external answering device. However, when you have an **external** TAD on the same telephone line as the machine, the TAD answers all calls and the machine ‘listens’ for fax calling (CNG) tones. If it hears them, the machine takes over the call and receives the fax. If it does not hear CNG tones, the machine lets the TAD continue playing your outgoing message so your caller can leave you a voice message.

The TAD must answer within two rings (the recommended setting is two rings). The machine cannot hear CNG tones until the TAD has answered the call, and with four rings there are only 8 to 10 seconds of CNG tones left for the fax ‘handshake’. Make sure you carefully follow the instructions in this guide for recording your outgoing message. We do not recommend using the toll saver feature on your external answering machine if it exceeds five rings.

Note

If you do not receive all your faxes, shorten the Ring Delay setting on your external TAD.



(Example for Australia)

1 TAD

When the TAD answers a call, the LCD shows `Ext. Tel in Use`.

Downloaded from ManualsPrinter.com Manuals

Improper Setup

DO NOT connect a TAD elsewhere on the same telephone line.

Connections

The external TAD must be connected as shown in the previous illustration.

1. Set your external TAD to one or two rings. (The machine's Ring Delay setting does not apply.)
2. Record the outgoing message on your external TAD.
3. Set the TAD to answer calls.
4. Set the Receive Mode to `Manual` and turn Fax Detect on. (See *Choose the Receive Mode* on page 43.)

Recording outgoing message (OGM) on an external TAD

Timing is important in recording this message.

1. Record 5 seconds of silence at the beginning of your message. (This allows your machine time to listen for the fax CNG tones of automatic transmissions before they stop.)
2. Limit your speaking to 20 seconds.

Note

We recommend beginning your OGM with an initial 5-second silence because the machine cannot hear fax tones over a resonant or loud voice. You may try omitting this pause, but if your machine has trouble receiving, then you must re-record the OGM to include it.

Multi-line connections (PABX)

Most offices use a central telephone system.

Brother recommends that all our machines be connected to a discreet (dedicated) line. Although a particular PABX may appear to work with a particular model of fax machine, we cannot guarantee that the unit will operate correctly.

While it is often relatively simple to connect a fax machine to a PABX, (Private Automatic Branch Exchange), we suggest that you contact the company that installed your telephone system and ask them to connect the fax machine for you.

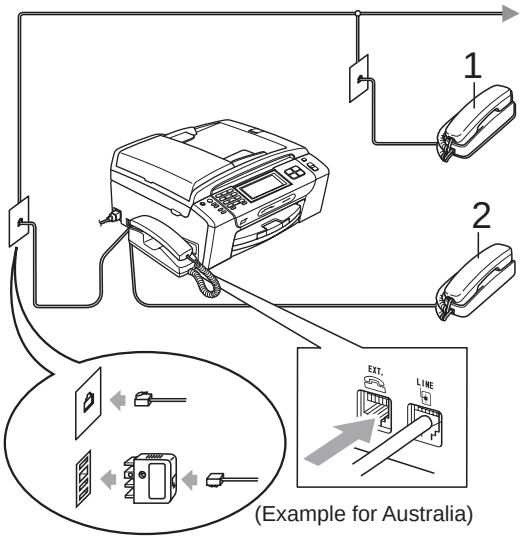
Brother does not recommend the use of a PABX line. PABX limitations in general can cause some functions of the fax machine not to work correctly.

Downloaded from ManualsPrinter.com Manuals

External and extension telephones

Connecting an external or extension telephone

You can connect a separate telephone to your machine as shown in the diagram below.



(Example for Australia)

1 Extension telephone

2 External telephone

When you are using an external or extension telephone, the LCD shows `Ext. Tel in Use`.

Operation from extension telephones

Using extension telephones

If you answer a fax call on an extension telephone, you can make your machine take the call by using the Remote Activation Code. When you press the Remote Activation Code ✳ **5 1** (✳ **9 1** for New Zealand), the machine starts to receive the fax.

If the machine answers a voice call and pseudo/double-rings for you to take over, use the Remote Deactivation Code **# 5 1** (**# 9 1** for New Zealand) to take the call at an extension telephone. (See *F/T Ring Time (Fax/Tel mode only)* on page 46.)

If you answer a call and no one is on the line:

You should assume that you're receiving a manual fax.

Press ✳ **5 1** (✳ **9 1** for New Zealand) and wait for the chirp or until the LCD shows `Receiving`, and then hang up.

Note

You can also use the Fax Detect feature to make your machine automatically take the call. (See *Fax Detect* on page 47.)

Using a cordless external telephone (MFC-790CW only)

If your cordless telephone is connected to the telephone line cord (See *External and extension telephones* on page 68) and you typically carry the cordless handset elsewhere, it is easier to answer calls during the Ring Delay.

If you let the machine answer first, you will have to go to the machine so you can press **Speaker Phone** to send the call to the cordless handset.

Using remote codes

Remote Activation code

If you answer a fax call on an extension or external telephone, you can tell your machine to receive it by dialling the Remote Activation Code ✳ **5 1** (✳ **9 1** for New Zealand). Wait for the chirping sounds then replace the handset. (See *Fax Detect* on page 47.) Your caller will have to press **Start** to send the fax.

Remote Deactivation code

If you receive a voice call and the machine is in F/T mode, it will start to sound the F/T (double) Ring after the initial ring delay. If you pick up the call on an extension telephone you can turn the F/T Ring off by pressing **# 5 1** (**# 9 1** for New Zealand) (make sure you press this *between* the rings).

Downloaded from ManualsPrinter.com Manuals

Changing the remote codes

If you want to use Remote Activation, you have to turn on the remote codes. The preset Remote Activation Code is ✳ **5 1** (✳ **9 1** for New Zealand). The preset Remote Deactivation Code is **# 5 1** (**# 9 1** for New Zealand). If you want to, you can replace them with your own codes.

1. Press MENU.
2. Press ▲ or ▼ to display Fax.
3. Press Fax.
4. Press ▲ or ▼ to display Setup Receive.
5. Press Setup Receive.
6. Press ▲ or ▼ to display Remote Codes.
7. Press Remote Codes.
8. Press On (or Off).
9. Do one of the following.
   - If you want to change the Remote Activation Code, enter the new code.

     Press OK, go to step 11.
   - If you do not want to change the Remote Activation Code, press OK, go to step 10.
10. Do one of the following.
    - If you want to change the Remote Deactivation Code, enter the new code.

      Press OK, go to step 11.
    - If you do not want to change the Remote Deactivation Code, press OK, go to step 11.
11. Press **Stop/Exit**.

Note

- If you are always disconnected when accessing your external TAD remotely, try changing the Remote Activation Code and Remote Deactivation Code to another 3-digit code using the numbers **0**-**9**, ✳, #.
- Remote Codes might not work with some telephone systems.

Downloaded from ManualsPrinter.com Manuals

8 Dialling and storing numbers

How to Dial

Manual dialling

Press all of the digits of the fax or telephone number using the dial pad.

Speed Dialling

1. Press `Speed Dial`.
2. Press the number you want to call. You can also choose the number by alphabetical order by pressing #01 A on LCD.

Note

If the LCD shows `Not Registered` when you enter or search a Speed Dial number, a number has not been stored at this location.

Fax Redial

If you are sending a fax manually and the line is busy, press **Redial** or **Redial/Pause**, and then press **Mono Start** or **Colour Start** to try again. If you want to make a second call to a number you recently dialled, you can press **Redial** or **Redial/Pause** and choose one of the last 30 numbers from the Outgoing Call List.

Redial or **Redial/Pause** only works if you dialled. *If you are sending a fax automatically* and the line is busy, the machine will automatically redial up to three times at five minute intervals.

1. Press **Redial** or **Redial/Pause**.
2. Press the number you want to redial.
3. Press `Send a fax`.
4. Press **Mono Start** or **Colour Start**.

Note

In Real Time Transmission the automatic redial feature does not work when using the scanner glass.

Downloaded from ManualsPrinter.com Manuals

Outgoing Call history

The last 30 numbers you called or sent a fax to will be stored in the outgoing call history. You can choose one of these numbers to telephone, to fax to, add to Speed Dial or delete from the history.

1. Press **Redial** or **Redial/Pause**.
   You can also press `History`.
2. Press `Outgoing Call` tab.
3. Press the number you want.
4. Do one of the following:
   - To make a telephone call, press `Make a phone call`.
   - To send a fax, press `Send a fax`.
     Press **Mono Start** or **Colour Start**.
   - If you want to store the number, press `More` and then press `Add to Speed Dial`.
     (See *Storing Speed Dial numbers from Outgoing Calls* on page 73.)
   - If you want to delete the number from the Outgoing Call history list, press `More` and then press `Delete`.
     Press `Yes` to confirm.
5. Press **Stop/Exit**.

Caller ID history

This feature requires the Caller ID subscriber service offered by many local telephone companies. (See *Caller ID* on page 62.) (See *Caller ID* on page 64.) (See *Caller ID (For Singapore and Hong Kong)* on page 66.)

The number, or name if available, from the last 30 faxes and telephone calls you received will be stored in the Caller ID history. You can view the list or choose one of these numbers to telephone, to fax to, add to Speed Dial or delete from the history. When the thirty-first call comes in to the machine, it replaces information about the first call.

1. Press `History`.
2. Press `Caller ID hist.`
3. Press the number or the name you want to call.
4. Do one of the following:
   - To make a telephone call, press `Make a phone call`.
   - To send a fax, press `Send a fax`.
     Press **Mono Start** or **Colour Start**.
   - If you want to store the number, press `More` and then press `Add to Speed Dial`.
     (See *Storing Speed Dial numbers from the Caller ID history* on page 73.)
   - If you want to delete the number from the Caller ID history list, press `More` and then press `Delete`.
     Press `Yes` to confirm.
5. Press **Stop/Exit**.

Note

You can print the Caller ID list.
(See *How to print a report* on page 84.)

Downloaded from ManualsPrinter.com Manuals

Storing numbers

You can set up your machine to do the following types of easy dialling: Speed Dial and Groups for broadcasting faxes. When you dial a Quick Dial number, the LCD shows the name, if you stored it, or the number.

Note

If you lose electrical power, the Quick Dial numbers that are in the memory will not be lost.

Storing a pause

Press **Pause** or **Redial/Pause** to put a 3.5-second pause between numbers. If you are dialling overseas, you can press **Pause** or **Redial/Pause** as many times as needed to increase the length of the pause.

Storing Speed Dial numbers

You can store up to 100 2-digit Speed Dial locations with a name, and each name can have two numbers (`Fax/Tel1:` and `Fax/Tel2:`). When you dial you will only have to press a few keys. (For example: Press `Speed Dial`, the number you want to make a call and `Make a phone call`.)

1. Press `Speed Dial`.
2. Press `More`.
3. Press `Set Speed Dial`.
4. Do one of the following:
   - Enter the name (up to 16 characters) using the buttons on the LCD.

     Press OK.

     (To help you enter letters, see *Entering Text* on page 195.)
   - To store the number without a name, press OK.
5. Enter the first fax or telephone number (up to 20 digits) using the buttons on the LCD.
   Press OK.
6. Do one of the following:
   - Enter the second fax or telephone number (up to 20 digits) using the buttons on the LCD.

     Press OK.
   - If you do not want to store a second number, press OK.
7. To choose where the number will be stored, do one of the following:
   - To accept the displayed next available Speed Dial location, press OK.
   - To enter a different Speed Dial location, press a 2-digit number using the buttons on the LCD.

   Press OK.

Note

If the 2-digit Speed Dial location you choose is already taken, the OK button on the LCD will not work. Choose a different location.

8. When the LCD displays your settings, press OK to confirm.
9. Do one of the following:
   - To store another Speed Dial number, go to step ❷.
   - To finish storing numbers, press **Stop/Exit**.

Downloaded from ManualsPrinter.com Manuals

Storing Speed Dial numbers from Outgoing Calls

You can also store Speed Dial numbers from the Outgoing Call history.

1. Press **Redial** or **Redial/Pause**. You can also press `History`.
2. Press `Outgoing Call` tab.
3. Press the name or number you want to store.
4. Press `More`.
5. Press `Add to Speed Dial`.
6. Do one of the following:
   - Enter the name (up to 16 characters) using the buttons on the LCD.

     Press OK.

     (To help you enter letters, see *Entering Text* on page 195.)
   - To store the number without a name, press OK.
7. Press OK to confirm the fax or telephone number you want to store.
8. Do one of the following:
   - Enter the second fax or telephone number (up to 20 digits) using the buttons on the LCD.

     Press OK.
   - If you do not want to store a second number, press OK.
9. To choose where the number will be stored, do one of the following:
   - To accept the displayed next available Speed Dial location, press OK.
   - To enter a different Speed Dial location, press a 2-digit number using the buttons on the LCD.

     Press OK.

Note

If the 2-digit Speed Dial location you choose is already taken, the OK button on the LCD will not work. Choose a different location.

10. When the LCD displays your settings, press OK to confirm.
11. Press **Stop/Exit**.

Storing Speed Dial numbers from the Caller ID history

If you have the Caller ID subscriber service from your telephone company you can also store Speed Dial numbers from incoming calls in the Caller ID History. (See *Caller ID* on page 62.) (See *Caller ID* on page 64.) (See *Caller ID (For Singapore and Hong Kong)* on page 66.)

1. Press `History`.
2. Press `Caller ID hist.` tab.
3. Press the number you want to store.
4. Press `More`.
5. Press `Add to Speed Dial`.
6. Do one of the following:
   - Enter the name (up to 16 characters) using the buttons on the LCD.

     Press OK.

     (To help you enter letters, see *Entering Text* on page 195.)
   - To store the number without a name, press OK.
7. Press OK to confirm the fax or telephone number you want to store.
8. Do one of the following:
   - Enter a second fax or telephone number (up to 20 digits) using the buttons on the LCD.

     Press OK.
   - If you do not want to store a second number, press OK.

Downloaded from ManualsPrinter.com Manuals

9 To choose where the number will be stored, do one of the following:

- To accept the displayed next available Speed Dial location, press OK.
- To enter a different Speed Dial location, press a 2-digit number using the buttons on the LCD.

  Press OK.

Note

If the 2-digit Speed Dial location you choose is already taken, the OK button on the LCD will not work. Choose a different location.

10 When the LCD displays your settings, press OK to confirm.

11 Press **Stop/Exit**.

Changing Speed Dial names or numbers

You can change a Speed Dial name or number that has already been stored.

1 Press Speed Dial.

2 Press More.

3 Do one of the following:

- Press Change to edit the names or numbers.
- Press Delete to delete all information in a Speed Dial location.

  Press the number you want to delete.

  Press OK.

  Go to step 9.

4 Press the number you want to change.

5 Press Name:, Fax/Tel1: or Fax/Tel2:.

6 Do one of the following:

- If you chose Name:, enter the name (up to 16 characters) using the buttons on the LCD.

  (See *Entering Text* on page 195.)

  Press OK.
- If you chose Fax/Tel1: or Fax/Tel2:, enter the new number (up to 20 digits) using the buttons on the LCD.

  Press OK.

Note

How to change the stored name or number:

If you want to change a character, press ◄ or ► to position the cursor under the character you want to change, and then press ⌫. Re-enter the character.

7 Do one of the following:

- To change more details, go to 6.
- Press OK to complete.

The LCD will display your settings.

8 To change another Speed Dial location, repeat steps 2 to 7.

9 Press **Stop/Exit**.

Downloaded from ManualsPrinter.com Manuals

Setting up groups for broadcasting

Groups, which can be stored in Speed Dial location, allow you to send the same fax message to many fax numbers by pressing only a Speed Dial, the 2-digit location, Send a fax and **Mono Start**. First, you'll need to store each fax number in a Speed-Dial location. Then you can include them as numbers in the Group. Each Group uses up a Speed Dial location. You can have up to six Groups, or you can assign up to 198 numbers in a large Group if you have 2 numbers in each location.

(See *Storing Speed Dial numbers* on page 72 and *Broadcasting (Monochrome only)* on page 37.)

1. Press Speed Dial.
2. Press More.
3. Press Setup Groups.
4. Enter the Group name (up to 16 characters) using the buttons on the LCD.
   Press OK.
5. When the LCD displays the next available Group number, press OK to confirm.
   This Group number and name will automatically be assigned to the next available Speed Dial locatiton.
6. Add Speed Dial numbers to the Group by pressing them to display a red checkmark. Press OK.
   If you want to list the numbers by alphabetical order, press #01 A.
7. When the LCD displays the Group Name and numbers, press OK to confirm.
8. Press **Stop/Exit**.

Note

You can print a list of all the Speed Dial numbers. Group numbers will be marked in the GROUP column. (See *Reports* on page 84.)

Changing a Group name

1. Press Speed Dial.
2. Press More.
3. Press Change.
4. Press ▲ or ▼ to display the Group Name you want to change.
5. Press the Group Name.
6. Press Name:.
7. Enter the new name (up to 16 characters) using the buttons on the LCD.
   Press OK.
   (See *Entering Text* on page 195. For example, type NEW CLIENTS.)

Note

How to change the stored name or number:

If you want to change a character, press ◄ or ► to position the cursor under the character you want to change, and then press ⌫. Re-enter the character.

8. Press OK.
9. Press **Stop/Exit**.

8

Downloaded from ManualsPrinter.com Manuals

Deleting a Group

1. Press Speed Dial.
2. Press More.
3. Press Delete.
4. Press ▲ or ▼ to display the Group you want to delete.
5. Press the Group Name.
6. Press OK.
7. Press **Stop/Exit**.

Deleting a number from a Group

1. Press Speed Dial.
2. Press More.
3. Press Change.
4. Press ▲ or ▼ to display the Group you want to change.
5. Press the Group.
6. Press Add/Delete.
7. Press ▲ or ▼ to display the number you want to delete from the Group.
8. Press the check box of the number you want to delete to uncheck it.
   Press OK to confirm.
9. Press OK.
10. Press **Stop/Exit**.

Combining Quick Dial numbers

Sometimes you may want to choose from several long distance carriers when you make a call. Rates may vary depending on the time and destination. To take advantage of low rates, you can store the access codes of long-distance carriers and credit card numbers as Speed Dial numbers. You can store these long dialling sequences by dividing them and setting them up as separate Speed Dial numbers in any combination. You can even include manual dialling using the dial pad. (See *Storing Speed Dial numbers* on page 72.)

For example, you might have stored ‘555 ’ on Speed Dial: 03 and ‘7000 ’ on Speed Dial: 02. You can use them both to dial ‘555-7000’ if you press the following keys:

1. Press Speed Dial.
2. Press #03.
3. Press Send a fax or Make a phone call.
4. Press Speed Dial.
5. Press #02.
6. Do one of the following:
   - To make a telephone call, press Make a phone call.
   - To send a fax, press Send a fax. Go to step 7.
7. Press **Mono Start** or **Colour Start**.
   You will dial ‘555-7000 ’.

To temporarily change a number, you can substitute part of the number with manual dialling using the dial pad. For example, to change the number to 555-7001 you could press Speed Dial, choose #03, press Send a fax or Make a phone call, and then press **7001** using the dial pad.

Downloaded from ManualsPrinter.com Manuals

Note

If you must wait for another dial tone or signal at any point in the dialling sequence, create a pause in the number by pressing **Pause** or **Redial/Pause**. Each key press adds a 3.5-second delay.

Downloaded from ManualsPrinter.com Manuals

9 Digital TAD

TAD-Mode for internal TAD

The TAD feature will store up to 99 incoming messages. Messages are stored in the order in which they are received.

Voice messages can be up to 3 minutes in length, and can also be picked up remotely (see *Using your Remote Access Code* on page 55). The number of messages you can store will depend on how much memory is being used by other features (for example, delayed and stored faxes).

In the event of a power failure your machine will retain messages that are in the memory for approximately 24 hours.

Setting up the TAD

Recording the TAD outgoing message (`TAD Message`) is the first step you need to follow before you can use the TAD feature.

To enter TAD mode, follow the steps below:

1. Record your TAD OGM (`TAD Message`).
2. Press to activate the TAD.

Outgoing message (OGM)

Recording your OGM

You can record the following two different types of OGM:

- `TAD Message`

  This message will be played when a call is received. The caller will be able to leave a voice or fax message.

- `F/T Message`

  This message is played when a call is received and your machine is set to Fax/Tel mode. The caller will not be able to leave a message. See *Fax/Tel OGM (Announcement)* on page 79.

  Your OGM must be less than 20 seconds long.

1. Press `MENU`.
2. Press ▲ or ▼ to display `Fax`.
3. Press `Fax`.
4. Press ▲ or ▼ to display `Setup TAD`.
5. Press `Setup TAD`.
6. Press `OGM`.
   The LCD prompts you to choose an OGM.
7. Press either `TAD Message` or `F/T Message`.
8. Press `Record MSG`.
9. Record your message, using one of the options below:
   - (MFC-790CW)

     Pickup the handset, record your message, and replace the handset when finished.
   - (MFC-990CW)

     Use the integrated microphone to record your message. Press **Stop/Exit** when finished.
10. Press **Stop/Exit**.

Downloaded from ManualsPrinter.com Manuals

Listening to your OGM

1. Press MENU.
2. Press ▲ or ▼ to display Fax.
3. Press Fax.
4. Press ▲ or ▼ to display Setup TAD.
5. Press Setup TAD.
6. Press OGM.
7. Press TAD Message or F/T Message.
8. Press Playing OGM.
   Adjust the volume by pressing ◄ or ►.
9. Press **Stop/Exit**.

Erasing your OGM

1. Press MENU.
2. Press ▲ or ▼ to display Fax.
3. Press Fax.
4. Press ▲ or ▼ to display Setup TAD.
5. Press Setup TAD.
6. Press OGM.
7. Press TAD Message or F/T Message.
8. Press Erase MSG.
9. Do one of the following:
   - Press Yes to erase the OGM.
   - Press No to exit without erasing.
10. Press **Stop/Exit**.

Fax/Tel OGM (Announcement)

If your machine is set to Fax/Tel receive mode this message will be played by your Brother machine to a caller. Unlike the TAD OGM, the caller *will not* be able to leave a message.

To record your Fax/Tel OGM follow the instructions on *Outgoing message (OGM)* on page 78.

If you need to review the steps for setting up the Fax/Tel receive mode, see *Receive modes* on page 43.

Activating TAD mode

When the light glows, TAD mode is active. Press to enter TAD mode.

Downloaded from ManualsPrinter.com Manuals

Managing your messages

Message indicator

The light flashes if there are any new messages waiting for you.

The LCD displays the total number of voice and fax messages stored in the TAD memory.

Fax messages are only stored when Fax Storage or Fax Preview is turned on. See *Memory Receive (Monochrome only)* on page 48.

Playing voice messages

All messages are played in the order they were recorded. The LCD shows the number of the current message, the total number of messages, and the time and date the message was recorded.

Follow the steps below to listen to your voice messages:

1. Press **Play/Record** or **Play**.
   The following commands are available when playing messages:

	Repeats a message.
	Skips to the next message.
or	Adjusts the volume.

2. Press **Stop/Exit**.

Erasing incoming messages

To erase voice messages individually

1. Press **Play/Record** or **Play**.
   The machine will sound a two second beep and begins message playback. Each message is preceded by one long beep, and followed by two short beeps.
2. To erase a specific message, press **Erase/Hold** or **Erase** immediately after the two short beeps, or while the message is playing.
3. Do one of the following:
   - Press Yes to erase the message.
   - Press No to cancel.

To erase all of your messages

1. Press **Erase/Hold** or **Erase**.
2. Do one of the following:
   - Press Yes to erase all of your voice messages.
   - Press No to cancel.

Downloaded from ManualsPrinter.com Manuals

Additional TAD operations

Setting the maximum time for incoming messages

Your machine's default setting will save incoming messages up to 30 seconds long. To change this setting follow the steps below:

1. Press MENU.
2. Press ▲ or ▼ to display Fax.
3. Press Fax.
4. Press ▲ or ▼ to display Setup TAD.
5. Press Setup TAD.
6. Press ICM Max.Time.
7. Press the maximum time setting for incoming messages (30, 60, 120 or 180 seconds).
8. Press **Stop/Exit**.

Setting toll saver

When the toll saver feature is on, the machine will answer after two rings if you do have voice or fax messages, and after four rings if you do not have any messages.

This way, when you call your machine for remote retrieval, if it rings three times, you have no messages and can hang up to avoid a toll charge.

The toll saver feature is only available when TAD mode is on. When toll saver is On, it overrides your ring delay setting.

If you are using Distinctive Ring, do not use the Toll Saver feature.

1. Press MENU.
2. Press ▲ or ▼ to display Fax.
3. Press Fax.
4. Press ▲ or ▼ to display Setup Receive.
5. Press Setup Receive.
6. Press ▲ or ▼ to display Ring Delay.
7. Press Ring Delay.
8. Press Toll Saver.
9. Press On (or Off).
10. Press **Stop/Exit**.

ICM Recording Monitor

This feature lets you turn the speaker volume for voice messages On or Off. When you turn the monitor Off, you will not hear messages as they come in.

1. Press MENU.
2. Press ▲ or ▼ to display Fax.
3. Press Fax.
4. Press ▲ or ▼ to display Setup TAD.
5. Press Setup TAD.
6. Press ICM Rec.Monitr.
7. Press Off or On.
8. Press **Stop/Exit**.

Downloaded from ManualsPrinter.com Manuals

Recording a conversation (MFC-790CW only)

If you are using the handset, you can record a telephone conversation by pressing **Play/Record** during the conversation. Your recording can be as long as the incoming message maximum time (up to 3 minutes). (See *Setting the maximum time for incoming messages* on page 81.) The other party will hear an intermittent beeping while recording. To stop recording, press **Stop/Exit**.

Downloaded from ManualsPrinter.com Manuals

10 Printing Reports

Fax reports

You need to set up the Transmission Verification Report and Journal Period using the MENU button.

Transmission Verification Report

You can use the Transmission Verification Report as proof that you sent a fax. This report lists the time and date of transmission and whether the transmission was successful (OK). If you choose On or On+Image, the report will print for every fax you send.

If you send a lot of faxes to the same place, you may need more than the job numbers to know which faxes you must send again. Choosing On+Image or Off+Image will print a section of the fax's first page on the report to help you remember.

When the Transmission Verification Report is turned Off or Off+Image, the Report will only print if there is a transmission error, and the fax could not be sent.

Note

If you choose On+Image or Off+Image, the image will only appear on the Transmission Verification Report if Real Time Transmission is set to Off. (See *Real time transmission* on page 39.)

1. Press MENU.
2. Press ▲ or ▼ to display Fax.
3. Press Fax.
4. Press ▲ or ▼ to display Report Setting.
5. Press Report Setting.
6. Press Transmission.
7. Press On, On+Image, Off or Off+Image.
8. Press **Stop/Exit**.

Downloaded from ManualsPrinter.com Manuals

Fax Journal (activity report)

You can set the machine to print a journal at specific intervals (every 50 faxes, 6, 12 or 24 hours, 2 or 7 days). If you set the interval to `Off`, you can still print the report by following the steps on *How to print a report* on page 84. The factory setting is `Every 50 Faxes`.

1. Press `MENU`.
2. Press ▲ or ▼ to display `Fax`.
3. Press `Fax`.
4. Press ▲ or ▼ to display `Report Setting`.
5. Press `Report Setting`.
6. Press `Journal Period`.
7. Press ◀ or ▶ to choose an interval. (If you choose 7 days, the LCD will ask you to choose the first day for the 7-day countdown.)
   - 6, 12, 24 hours, 2 or 7 days

     The machine will print the report at the chosen time and then erase all jobs from its memory. If the machine's memory becomes full with 200 jobs before the time you chose has passed, the machine will print the Journal early and then erase all jobs from the memory. If you want an extra report before it is due to print, you can print it without erasing the jobs from the memory.
   - Every 50 Faxes

     The machine will print the Journal when the machine has stored 50 jobs.
8. Enter the time to start printing in 24-hour format. Press `OK`. (For example: enter 19:45 for 7:45 PM.)
9. Press **Stop/Exit**.

Reports

The following reports are available:

- `XMIT Verify`

  Prints a Transmission Verification Report for your last transmission.
- `Help List`

  A help list showing how to program your machine.
- `Quick Dial`

  Lists names and numbers stored in the Speed Dial memory, in alphabetical or numerical order.
- `Fax Journal`

  Lists information about the last incoming and outgoing faxes. (TX: Transmit.) (RX: Receive.)
- `User Settings`

  Lists your settings.
- `Network Config`

  Lists your Network settings.
- `Caller ID hist.`

  Lists the available Caller ID information about the last 30 received faxes and telephone calls.

How to print a report

1. Press `MENU`.
2. Press ▲ or ▼ to display `Print Reports`.
3. Press `Print Reports`.
4. Press the report you want.
5. (Quick Dial Only) Press `Alphabetical Order` or `Numerical Order`.
6. Press **Mono Start**.
7. Press **Stop/Exit**.

Downloaded from ManualsPrinter.com Manuals

11 Polling

Polling overview

Polling lets you set up your machine so other people can receive faxes from you, but they pay for the call. It also lets you call somebody else's fax machine and receive a fax from it, so you pay for the call. The polling feature needs to be set up on both machines for this to work. Not all fax machines support polling.

Polling receive

Polling receive lets you call another fax machine to receive a fax.

Setup to receive polling

1. Press (**Fax**).
2. Press ◄ or ► to display `Polling RX`.
3. Press `Polling RX`.
4. Press `Standard`.
5. Enter the fax number you are polling using `Speed Dial` or the dial pad on the control panel.
6. Press **Mono Start** or **Colour Start**.

Setup to receive polling with secure code

Secure Polling lets you restrict who can get the documents you set up to be polled.

Secure Polling only works with Brother fax machines. If you want to get a fax from a secured Brother machine you have to enter the secure code.

1. Press (**Fax**).
2. Press ◄ or ► to display `Polling RX`.
3. Press `Polling RX`.
4. Press `Secure`.
5. Enter a 4-digit secure code using the buttons on the LCD.
   This is the same as the security code of the fax machine you are polling.
   Press `OK`.
6. Enter the fax number you are polling using `Speed Dial` or the dial pad on the control panel.
7. Press **Mono Start** or **Colour Start**.

Downloaded from ManualsPrinter.com Manuals

Setup to receive delayed polling

Delayed polling lets you set the machine to begin polling receive at a later time. You can only set up *one* delayed polling operation.

1. Press (**Fax**).
2. Press ◄ or ► to display `Polling RX`.
3. Press `Polling RX`.
4. Press `Timer`.
5. Enter the time (in 24-hour format) you want to start polling.
   For example, enter 21:45 for 9:45 PM.
   Press OK.
6. Enter the fax number you are polling using `Speed Dial` or the dial pad on the control panel.
7. Press **Mono Start** or **Colour Start**.
   The machine makes the polling call at the time you entered.

Sequential polling (Monochrome only)

Sequential polling lets you request documents from several fax machines in one operation.

1. Press (**Fax**).
2. Press ◄ or ► to display `Polling RX`.
3. Press `Polling RX`.
4. Press `Standard`, `Secure` or `Timer`.
5. Do one of the following:
   - If you chose `Standard`, go to step 6.
   - If you chose `Secure`, enter a four-digit number, press OK, go to step 6.
   - If you chose `Timer`, enter the time (24-hour format) you want to begin polling and press OK, go to step 6.
6. Press ◄ or ► to display `Broadcasting`.
7. Press `Broadcasting`.
8. Do one of the following:
   - Press `Add Number` and enter a number using a LCD buttons.

     Press OK.
   - Press `Speed Dial`. Press ▲ or ▼ to select a number.

     Press OK.
9. After you have entered all the fax numbers by repeating step 8, press OK.
10. Press **Mono Start**.
    The machine polls each number or group in turn for a document.

Cancelling a Sequential Polling Job

1. Press **Stop/Exit**.
2. Do one of the following:
   - To cancel the entire sequential polling job, press `Entire Seq. Poll`. Go to step 3.
   - To cancel the current job, press the button that displays the number being dialled. Go to step 4.
   - To exit without cancelling, press **Stop/Exit**.
3. When the LCD asks if you want to cancel the entire sequential polling job, do one of the following:
   - Press `Yes` to confirm.
   - To exit without cancelling, press `No` or **Stop/Exit**.
4. Do one of the following:
   - To cancel the current job, press `Yes`.
   - To exit without cancelling, press `No` or **Stop/Exit**.

Downloaded from ManualsPrinter.com Manuals

Polled transmit (Monochrome only)

Polled transmit lets you set up your machine to wait with a document so another fax machine can call and retrieve it.

The document will be stored and can be retrieved by any other fax machine until you delete it from the memory. (See *Checking and cancelling waiting jobs* on page 40.)

Setup for polled transmit

1. Press (**Fax**).
2. Load your document.
3. Press ◄ or ► to display `Polled TX`.
4. Press `Polled TX`.
5. Press `Standard`.
6. Press **Mono Start**.
7. If you are using the scanner glass, the LCD will prompt you to choose one of the following options.
   - Press `Yes` to send another page. Go to 8.
   - Press `No` or **Mono Start** to send the document.
8. Place the next page on the scanner glass, press **Mono Start**. Repeat 7 and 8 for each additional page.
   Your machine will automatically send the fax.

Setup for polled transmit with secure code

Secure Polling lets you restrict who can get the documents you set up to be polled.

Secure Polling only works with Brother fax machines. If another person wants to retrieve a fax from your machine, they will have to enter the secure code.

1. Press (**Fax**).
2. Load your document.
3. Press ◄ or ► to display `Polled TX`.
4. Press `Polled TX`.
5. Press `Secure`.
6. Enter a 4-digit number using the buttons on the LCD.
   Press `OK`.
7. Press **Mono Start**.
8. If you are using the scanner glass, the LCD will prompt you to choose one of the following options.
   - Press `Yes` to send another page. Go to 9.
   - Press `No` or **Mono Start** to send the document.
9. Place the next page on the scanner glass, press **Mono Start**. Repeat 8 and 9 for each additional page.
   Your machine will automatically send the fax.

Downloaded from ManualsPrinter.com Manuals

Downloaded from ManualsPrinter.com Manuals

Section III

Copy

Making copies 90

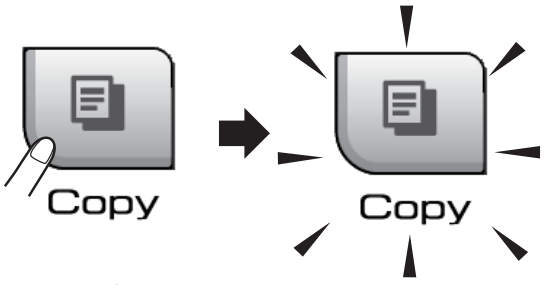
Downloaded from ManualsPrinter.com Manuals

12 Making copies

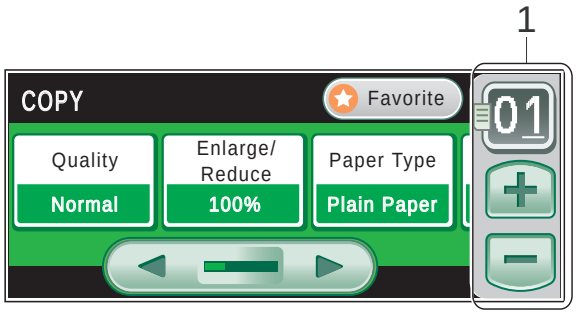
How to copy

Entering Copy mode

When you want to make a copy, press (**Copy**) to illuminate it in blue.



The LCD shows:



1 No. of Copies

Press the number box directly and enter the number you want.

Also you can enter the number of copies by pressing + or − on the screen (as shown above).

Press ◄ or ► to scroll through the copy options. Press the option that you want to set.

- `Quality` (See page 91.)
- `Enlarge/Reduce` (See page 92.)
- `Paper Type` (See page 94.)
- `Paper Size` (See page 95.)
- `Brightness` (See page 94.)
- `Contrast` (See page 94.)
- `Stack/Sort` (See page 94.)
- `Page Layout` (See page 93.)
- `Book Copy` (See page 95.)
- `Watermark Copy` (See page 95.)
- `Favorite Settings` (See page 96.)

Note

- The default setting is Fax mode. You can change the amount of time that the machine stays in Copy mode after the last copy operation. (See *Mode Timer* on page 25.)
- `Book Copy` and `Watermark Copy` features are supported by technology from Reallusion, Inc.

Making a single copy

1. Press (**Copy**).
2. Load your document. (See *Loading documents* on page 21.)
3. Press **Mono Start** for B&W copy or **Colour Start** for colour copy.

Making multiple copies

You can make up to 99 copies in one print run.

1. Press (**Copy**).
2. Load your document. (See *Loading documents* on page 21.)
3. Enter the number of copies you want.
4. Press **Mono Start** for B&W copy or **Colour Start** for colour copy.

Note

To sort the copies, press ◄ or ► to choose `Stack/Sort`. (See *Sorting copies using the ADF* on page 94.)

Stop copying

To stop copying, press **Stop/Exit**.

Downloaded from ManualsPrinter.com Manuals

Copy settings

You can change the copy settings temporarily for the next multiple copies.

The machine returns to its default settings after 1 minute, or if the Mode Timer returns the machine to Fax mode. (See *Mode Timer* on page 25.)

If you have finished choosing settings, press **Mono Start** or **Colour Start**.

If you want to choose more settings, press ◀ or ▶.

Note

You can save some of the settings that you use most often by setting them as a favourite (up to three can be saved). These settings will stay until you change them again. (See *Setting your favourites* on page 96.)

Changing copy speed and quality

You can choose from a range of quality. The factory setting is `Normal`.

- `Fast`

  Fast copy speed and lowest amount of ink used. Use to save time printing documents to be proof-read, large documents or many copies.

- `Normal`

  Normal is the recommended mode for ordinary print outs. This produces good copy quality with good copy speed.

- `Best`

  Use best mode to copy precise images such as photographs. This provides the highest resolution and slowest speed.

1. Press (**Copy**).
2. Load your document.
3. Enter the number of copies you want.
4. Press ◀ or ▶ to display `Quality`.
5. Press `Quality`.
6. Press `Fast`, `Normal` or `Best`.
7. If you do not want to change additional settings, press **Mono Start** or **Colour Start**.

Downloaded from ManualsPrinter.com Manuals

Enlarging or reducing the image copied

You can choose an enlargement or reduction ratio. If you choose Fit to Page, your machine will adjust the size automatically to the paper size you set. If you want this setting, use the scanner glass.

1. Press (**Copy**).
2. Load your document.
3. Enter the number of copies you want.
4. Press ◄ or ► to display Enlarge/Reduce.
5. Press Enlarge/Reduce.
6. Press 100%, Enlarge, Reduce, Fit to Page or Custom(25-400%).
7. Do one of the following:
   - If you chose Enlarge or Reduce, press the enlargement or reduction ratio you want.
   - If you chose Custom(25-400%), enter an enlargement or reduction ratio from 25% to 400%.

     Press OK.
   - If you chose 100% or Fit to Page, go to step 8.
8. If you do not want to change additional settings, press **Mono Start** or **Colour Start**.

100%
198% 10x15cm → A4
186% 10x15cm → LTR
142% A5 → A4
97% LTR → A4
93% A4 → LTR
83% LGL → A4
69% A4 → A5
47% A4 → 10x15cm
Fit to Page
Custom(25-400%)

Note

- Page Layout is not available with Enlarge/Reduce.
- Page Layout, Sort, Book Copy and Watermark Copy are not available with Fit to Page.
- Fit to Page does not work properly when the document on the scanner glass is skewed more than 3 degrees. Using the document guidelines on the left and top, place your document in the upper left hand corner, with the document face down on the scanner glass.
- Fit to Page is not available for a Legal size document.

Downloaded from ManualsPrinter.com Manuals

Making N in 1 copies or a poster (Page Layout)

The N in 1 copy feature can help you save paper by letting you copy two or four pages onto one printed page.

You can also produce a poster. When you use the poster feature your machine divides your document into sections, then enlarges the sections so you can assemble them into a poster. If you want to print a poster, use the scanner glass.

Note

`Watermark Copy`, `Book Copy`, `Sort` and `Enlarge/Reduce` are not available with `Page Layout`.

Important

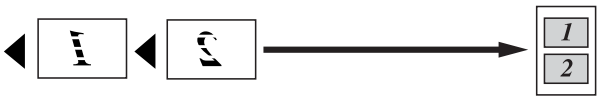
- Please make sure paper size is set to Letter or A4.
- You cannot use the `Enlarge/Reduce` setting with the N in 1 and Poster features.
- If you are producing multiple colour copies, N in 1 copy is not available.
- `(P)` means Portrait and `(L)` means Landscape.
- You can only make one poster copy at a time.

1. Press (**Copy**).
2. Load your document.
3. Enter the number of copies you want.
4. Press ◀ or ▶ to display `Page Layout`.
5. Press `Page Layout`.
6. Press ◀ or ▶ to display `Off(1in1)`, `2in1(P)`, `2in1(L)`, `4in1(P)`, `4in1(L)` or `Poster (3 x 3)`.
7. Press the setting of your choice.
8. If you do not want to change additional settings, press **Mono Start** or **Colour Start** to scan the page.
   If you placed the document in the ADF or are making a poster, the machine scans the pages and starts printing.
   If you are using the scanner glass, go to step ❾.
9. After the machine scans the page, press `Yes` to scan the next page.
10. Place the next page on the scanner glass.
    Press **Mono Start** or **Colour Start**.
    Repeat steps ❾ and ❿ for each page of the layout.
11. After all the pages have been scanned, press `No` to finish.

Place the document face down in the direction shown below:

- **2 in 1 (P)**

- **2 in 1 (L)**

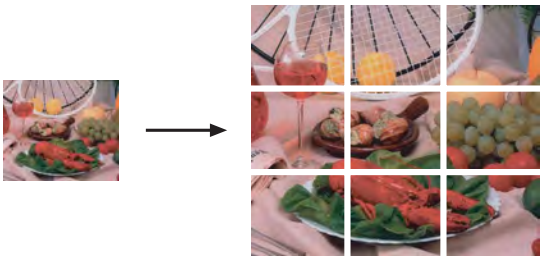


- **4 in 1 (P)**

- **4 in 1 (L)**

- **Poster (3 x 3)**

  You can make a poster size copy of a photograph.



Downloaded from ManualsPrinter.com Manuals

Sorting copies using the ADF

You can sort multiple copies. Pages will be stacked in the order 321, 321, 321, and so on.

1. Press (**Copy**).
2. Load your document.
3. Enter the number of copies you want.
4. Press ◄ or ► to display `Stack/Sort`.
5. Press `Stack/Sort`.
6. Press `Sort`.
7. If you do not want to change additional settings, press **Mono Start** or **Colour Start**.

Note

`Fit to Page`, `Page Layout` and `Book Copy` are not available with `Sort`.

Adjusting Brightness and Contrast

Brightness

You can adjust the copy brightness to make copies darker or lighter.

1. Press (**Copy**).
2. Load your document.
3. Enter the number of copies you want.
4. Press ◄ or ► to display `Brightness`.
5. Press `Brightness`.
6. Press ◄ or ► to make a darker or lighter copy.
   Press `OK`.
7. If you do not want to change additional settings, press **Mono Start** or **Colour Start**.

Contrast

You can adjust the copy contrast to help an image look sharper and more vivid.

1. Press (**Copy**).
2. Load your document.
3. Enter the number of copies you want.
4. Press ◄ or ► to display `Contrast`.
5. Press `Contrast`.
6. Press ◄ or ► to change the contrast.
   Press `OK`.
7. If you do not want to change additional settings, press **Mono Start** or **Colour Start**.

Paper Options

Paper Type

If you are copying on special paper, set the machine for the type of paper you are using to get the best print quality.

1. Press (**Copy**).
2. Load your document.
3. Enter the number of copies you want.
4. Press ◄ or ► to display `Paper Type`.
5. Press `Paper Type`.
6. Press `Plain Paper`, `Inkjet Paper`, `Brother BP71`, `Other Glossy` or `Transparency`.
7. If you do not want to change additional settings, press **Mono Start** or **Colour Start**.

Downloaded from ManualsPrinter.com Manuals

Paper Size

If copying on paper other than A4 size, you will need to change the paper size setting. You can copy only on Letter, Legal, A4, A5 or Photo 10 cm × 15 cm paper.

1. Press (**Copy**).
2. Load your document.
3. Enter the number of copies you want.
4. Press ◄ or ► to display `Paper Size`.
5. Press `Paper Size`.
6. Press `A4`, `A5`, `10x15cm`, `Letter` or `Legal`.
7. If you do not want to change additional settings, press **Mono Start** or **Colour Start**.

Book Copy

Book copy corrects dark borders and skew when copying from the scanner glass. Your machine can correct the data automatically or you can make specific corrections.

1. Press (**Copy**).
2. Load your document.
3. Enter the number of copies you want.
4. Press ◄ or ► to display `Book Copy`.
5. Press `Book Copy`.
6. Do one of the following:
   - If you want to correct the data yourself, press `On(Preview)`.
     Press **Mono Start** or **Colour Start** and go to step ❼.
   - If you want the machine to correct the data automatically, press `On` and go to step ❽.
7. Adjust the skewed data using or . Remove the shadows by using ◄ or ►.
8. If you have finished making corrections, press **Mono Start** or **Colour Start**.

Note

`Book Copy` is not available with `Page Layout`, `Sort`, `Fit to Page` and `Watermark Copy`.

Watermark Copy

You can place a logo or text into your document as a Watermark. You can select one of the template watermarks, data from your media cards or USB Flash memory drive, or scanned data.

Note

`Watermark Copy` is not available with `Fit to Page`, `Page Layout` and `Book Copy`.

1. Press (**Copy**).
2. Press ◄ or ► to display `Watermark Copy`.
3. Press `Watermark Copy`.
4. Press `Use Watermark`.
   Do one of the following:
   - If you want to use a template from the machine, press `Edit Template` and go to step ❺.
   - If you want to use your own data as a watermark, press `Use Image` and go to step ❻.
5. Press `Text` and choose the data you want to use, `CONFIDENTIAL`, `DRAFT` or `COPY`. Press `OK`.
   Change other watermark settings from the available options as needed.
   Press `OK`. Go to step ❼.

Downloaded from ManualsPrinter.com Manuals

6 Do one of the following:

- If you want to use a document as the watermark, press Scan.

  Place the document that you want to use for the watermark on the scanner glass and press **Mono Start** or **Colour Start**.

  The scanned data will be shown on the LCD.

  Press OK and remove the watermark document you scanned.

  Go to step ❼.

- If you want to use data from a media card or USB Flash memory drive as the watermark, insert the media card or USB flash memory drive and then press Media.

  The image will be shown on the LCD.

  Press the image you want to use for the watermark.

  Change other watermark settings from the available options as needed.

  Press OK.

  Go to step ❼.

CAUTION

DO NOT take out the memory card or USB Flash memory drive while **Photo Capture** is blinking to avoid damaging the card, USB Flash memory drive or data stored on the card.

7 Press OK to confirm to use watermark. Load the document you want to copy.

8 Enter the number of copies you want.

9 If you do not want to change additional settings, press **Mono Start** or **Colour Start**.

Setting your favourites

You can store the copy settings that you use most often by setting them as a favourite. You can set up to three favorites.

1 Press (**Copy**).

2 Choose the copy option and settings you want to store.

3 Press ◄ or ► to display Favorite Settings.

4 Press Favorite Settings.

5 Press Store.

Note

Set Watermark Copy to Off or Template when storing Favorite Settings.

6 Press the location where you want to store your setting for Favorite:1, Favorite:2 or Favorite:3.

7 Do one of the following:

- If you want to rename your setting, press to delete characters. Then enter the new name (up to 12 characters).

  Press OK. (See *Entering Text* on page 195.)

- If you do not want to rename your setting, press OK.

Downloaded from ManualsPrinter.com Manuals

Retrieving your favourite setting

When you are ready to use one of your favourite set of settings, you can recall it.

1. Press (**Copy**).
2. Press `Favorite`.
3. Press the favourite setting you want to retrieve.

Rename your favourite setting

After you stored your favorite setting, you can rename it.

1. Press (**Copy**).
2. Press ◄ or ► to display `Favorite Settings`.
3. Press `Favorite Settings`.
4. Press `Rename`.
5. Press the favourite setting you want to rename.
6. Enter the new name (up to 12 characters). (See *Entering Text* on page 195.)
7. Press OK.

‘Out of Memory’ message

If the `Out of Memory` message appears while scanning documents, press **Stop/Exit** to cancel or **Mono Start** or **Colour Start** to copy the scanned pages.

You will need to clear some jobs from the memory before you can continue.

To free up extra memory, do the following:

- Turn off Memory Receive. (See *Memory Receive (Monochrome only)* on page 48.)
- Print the faxes that are in the memory. (See *Printing a fax from the memory* on page 54.)

When you get an `Out of Memory` message, you may be able to make copies if you first print incoming faxes in the memory to restore the memory to 100%.

Downloaded from ManualsPrinter.com Manuals

Downloaded from ManualsPrinter.com Manuals

Section IV

Direct Photo Printing

Printing photos from a memory card or USB Flash memory drive 100

Printing photos from a camera 116

Wireless photo printing (MFC-990CW only) 120

Downloaded from ManualsPrinter.com Manuals

13 Printing photos from a memory card or USB Flash memory drive

PhotoCapture Center™ Operations

Printing from a memory card or USB Flash memory drive without a PC

Even if your machine is not connected to your computer, you can print photos directly from digital camera media or a USB Flash memory drive. (See *Print Images* on page 103.)

Scanning to a memory card or USB Flash memory drive without a PC

You can scan documents and save them directly to a memory card or USB Flash memory drive. (See *Scan to a memory card or USB Flash memory drive* on page 112.)

Using PhotoCapture Center™ from your computer

You can access a memory card or USB Flash memory drive that is inserted in the front of the machine from your computer.

(See *PhotoCapture Center*™ for Windows® or *Remote Setup & PhotoCapture Center*™ for Macintosh® in the Software User's Guide on the CD-ROM.)

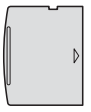
Using a memory card or USB Flash memory drive

Your Brother machine has media drives (slots) for use with the following popular digital camera media: CompactFlash®, Memory Stick®, Memory Stick Pro™, SD, SDHC, xD-Picture Card™ and USB Flash memory drives.

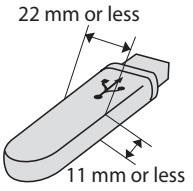
CompactFlash®

Memory Stick®
Memory Stick Pro™

SD, SDHC



xD-Picture Card™



USB Flash memory drive

- miniSD™ can be used with a miniSD™ adapter.
- microSD can be used with a microSD adapter.
- Memory Stick Duo™ can be used with a Memory Stick Duo™ adapter.
- Memory Stick Pro Duo™ can be used with a Memory Stick Pro Duo™ adapter.
- Memory Stick Micro(M2) can be used with a Memory Stick Micro(M2) adapter.
- Adapters are not included with the machine. Contact a third party supplier for adapters.

The PhotoCapture Center™ feature lets you print digital photos from your digital camera at high resolution to get photo quality printing.

Downloaded from ManualsPrinter.com Manuals

Memory cards or USB Flash memory drive folder structure

Your machine is designed to be compatible with modern digital camera image files, memory cards and USB Flash memory drive; however, please read the points below to avoid errors:

- The image file extension must be .JPG (other image file extensions like .JPEG, .TIF, .GIF and so on will not be recognized).
- PhotoCapture Center™ printing must be performed separately from PhotoCapture Center™ operations using the PC. (Simultaneous operation is not available.)
- IBM Microdrive™ is not compatible with the machine.
- The machine can read up to 999 files on a memory card or USB Flash memory drive.
- CompactFlash® Type II is not supported.
- This product supports xD-Picture Card™ Type M / Type M+ / Type H (Large Capacity).
- The DPOF file on the memory cards must be in a valid DPOF format. (See *DPOF printing* on page 106.)

Please be aware of the following:

- When printing Print Index or Print Image, PhotoCapture Center™ will print all valid images, even if one or more images have been corrupted. Corrupted images will not be printed.
- (memory card users)

  Your machine is designed to read memory cards that have been formatted by a digital camera.

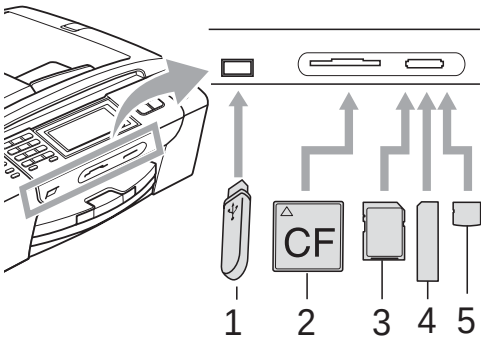
  When a digital camera formats a memory card it creates a special folder into which it copies image data. If you need to modify the image data stored on a memory card with your PC, we recommend that you do not modify the folder structure created by the digital camera. When saving new or modified image files to the memory card we also recommend you use the same folder your digital camera uses. If the data is not saved to the same folder, the machine may not be able to read the file or print the image.
- (USB Flash memory drive users)

  This machine supports USB Flash memory drives that have been formatted by Windows®.

Downloaded from ManualsPrinter.com Manuals

Getting started

Firmly put a memory card or USB Flash memory drive into the correct slot.



1 **USB Flash memory drive**

2 **CompactFlash®**

3 **SD, SDHC**

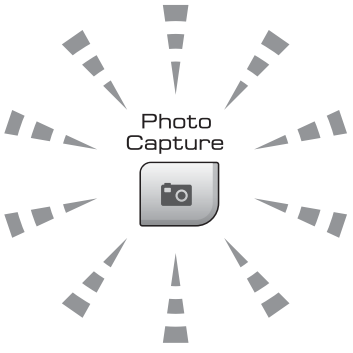
4 **Memory Stick®, Memory Stick Pro™**

5 **xD-Picture Card™**

CAUTION

The USB direct interface supports only a USB Flash memory drive, a PictBridge compatible camera, or a digital camera that uses the USB mass storage standard. Any other USB devices are not supported.

Photo Capture key indications:



- **Photo Capture** light is on, the memory card or USB Flash memory drive is correctly inserted.
- **Photo Capture** light is off, the memory card or USB Flash memory drive is not correctly inserted.
- **Photo Capture** light is blinking, memory card or USB Flash memory drive is being read or written to.

CAUTION

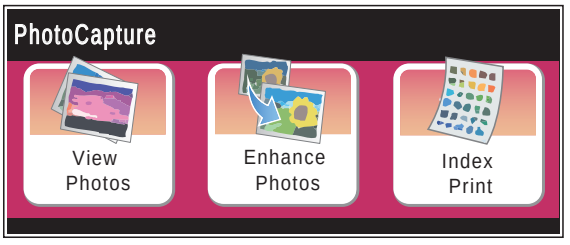
DO NOT unplug the power cord or remove the media from the media drive (slot) or USB direct interface while the machine is reading or writing to the media (the **Photo Capture** key is blinking). **You will lose your data or damage the card.**

The machine can only read one device at a time.

Entering PhotoCapture mode

After you insert the memory card or USB Flash memory drive, press the (**Photo Capture**) key to illuminate it in blue and the LCD displays the PhotoCapture options.

The LCD shows:



- Press `View Photos` if you want to quickly view and print your photos. See *View Photos* on page 103.
- Press `Enhance Photos` if you want to add special effects to your photos. See *Enhance Photos* on page 105.
- Press `Index Print` if you want to print an Index page (Thumbnails). You can also print photos using the image numbers of the Index page (Thumbnails). See *Print Index (Thumbnails)* on page 103.

Note

If your digital camera supports DPOF printing, see *DPOF printing* on page 106.

Press the option you want to set.

Downloaded from ManualsPrinter.com Manuals

Print Images

View Photos

You can preview your photos on the LCD before you print them. If your photos are large files there may be a delay before each photo is displayed on the LCD.

1. Make sure you have put a memory card or USB Flash memory drive in the correct slot.
   Press (**Photo Capture**).
2. Press `View Photos`.
   Do one of the following:
   - If you want to choose photos to print or print more than one for an image, go to step 3.
   - If you want to print all photos, press .
     Press `Yes` to confirm.
     Go to step 6.

Note

- Six thumbnails are displayed at a time with the current page number and total number of pages listed above the thumbnails.
- Press ◄ or ► repeatedly to select each photo, or hold down to scroll through all photos.
- Press to start Slide Show.

3. Press a photo from the thumbnail.
4. Enter the number of copies you want either by pressing the number box directly and enter the number you want or pressing **+** or **-**.
   Press OK.
5. Repeat step 3 and 4 until you have chosen all the photos that you want to print.
6. After you have chosen all the photos, press OK. You now have the following options:
   - To add the `Auto Correct` effect to your chosen photos, press .
     (See page 105.)
   - If you want to change the print settings, press `Print Setting`.
     (See page 107.)
   - If you do not want to change any settings, press OK and then **Colour Start** to print.

Print Index (Thumbnails)

The PhotoCapture Center™ assigns numbers for images (such as No.1, No.2, No.3, and so on).

The PhotoCapture Center™ uses these numbers to identify each picture. You can print a thumbnail page to show all the pictures on the memory card or USB Flash memory drive.

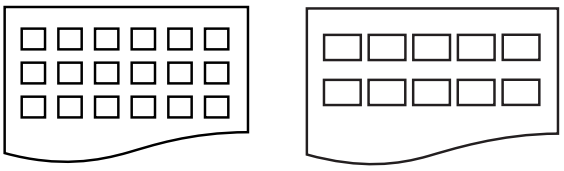
Note

Only file names that are 8 characters or less will be printed correctly on the index sheet.

1. Make sure you have put the memory card or USB Flash memory drive in the correct slot.
   Press (**Photo Capture**).
2. Press `Index Print`.

Downloaded from ManualsPrinter.com Manuals

3 Press Index Sheet and choose 6 Images/Line or 5 Images/Line.



6 Images/Line 5 Images/Line

Print time for 5 Images/Line will be slower than 6 Images/Line, but the quality is better.

4 Do one of the following:

- Press Print Setting to change the paper type or the paper size you are using.
- If you do not want to change the paper settings, go to ❼.

5 Press Paper Type.
Choose the paper type you are using, Plain Paper, Inkjet Paper, Brother BP71 or Other Glossy.

6 Press Paper Size.
Choose the paper size you are using, Letter or A4.

7 Press **Colour Start** to print.

Printing Photos

Before you can print an individual image, you have to know the image number.

1 Make sure you have put a memory card or USB Flash memory drive in the correct slot.
Press (**Photo Capture**).

2 Print the Index. (See *Print Index (Thumbnails)* on page 103.)

3 Press Index Print.

4 Press Print Photos.

5 Enter the image number that you want to print from the Index page (Thumbnails). After you have chosen the image numbers, press OK.

Note

- You can enter multiple numbers at one time by using a comma or a hyphen. For example, Enter 1, 3, 6 to print images No.1, No.3 and No.6. Enter 1-5 to print images No.1 to No.5.
- You can enter up to 12 characters (including commas) for the image numbers you want to print.

6 Enter the number of copies you want either by pressing the number box directly and enter the number you want or pressing **+** or **-**.

7 Do one of the following:

- Press Print Setting to change the print settings. (See page 107.)
- If you do not want to change any settings, press **Colour Start** to print.

Downloaded from ManualsPrinter.com Manuals

Enhance Photos

You can edit and add effects to your photos and view them on the LCD before printing.

Note

The Enhance Photos feature is supported by technology from Reallusion, Inc.

REALLUSION

1. Make sure you have put a memory card or USB Flash memory drive in the correct slot.

   Press (**Photo Capture**).

2. Press Enhance Photos.

Note

- Six thumbnails are displayed at a time with the current page number and total number of pages listed above the thumbnails.
- Press ◄ or ► repeatedly to select each photo, or hold down to scroll through all photos.
- Press to start Slide Show.

3. Press a photo from the thumbnails.
4. Press Enhance or Trim. You can also choose both together. Press OK.
5. Do one of the following:
   - If you chose Enhance, go to step 6.
   - If you chose Trim, go to step 7.
6. Press the effect you wish to add.
   Press OK.
   Go to step 8.

Note

- You have 7 ways to add effects to your photo.

	(Auto Correct) The machine decides the suitable effect for your photo.
	(Enhance Skin) Best used for adjusting portrait photographs. It adjusts human skin colour. Press ◄ or ► to adjust the level of contrast.
	(Enhance Scenery) Best used for adjusting landscape photographs. It highlights green and blue areas in your photo. Press ◄ or ► to adjust the level of contrast.
	(Remove Red-Eye) The machine will attempt to remove red-eye from your photo. If red-eye detection fails, you can press the Try Again button to re-detect.
	(Monochrome) You can convert the colour of your photo to monochrome.
	(Sepia) Adds a sepia tone (shades of brown) effect to your photo.
	(Auto Correct Remove Red-Eye) The machine decides the suitable effects for your photo. Also, it will attempt to remove red-eye from your photo.

- There are some cases when red-eye may not be removed.
  - When the face is too small in the image.
  - When the face is turning too far up, down, left or right.
- After adding each effect, you can enlarge the view of the image by pressing . To go back to the original size, press .

Downloaded from ManualsPrinter.com Manuals

- While the image is enlarged, you can move around the image with **up** (▲), **down** (▼), **left** (◀) and **right** (▶).
- Press `Cancel` to return to the list of effects.

7 Adjust the red frame around your photo. The part inside of the red frame will be printed.

- Press **+** or **-** to enlarge or reduce the frame size.
- Press ▲, ▼, ◀ or ▶ to move the position of the frame.
- Press to rotate the frame.

Press `OK` when you have finished adjusting the frame setting.
Press `OK` to confirm.

Note

If your photo is very small or has irregular proportions you may not be able to trim the photo. The LCD will display `Image Too Small.` or `Image Too Long.`

8 Enter the number of copies you want either by pressing the number box directly and enter the number you want or pressing **+** or **-**.
Press `OK`.

9 Do one of the following.

- Press `Print Setting` and change the print settings. (See page 107.)
- If you do not want to change any settings, press **Colour Start** to print.

DPOF printing

DPOF stands for Digital Print Order Format.

Major digital camera manufacturers (Canon Inc., Eastman Kodak Company, Fuji Photo Film Co. Ltd., Matsushita Electric Industrial Co. Ltd. and Sony Corporation) created this standard to make it easier to print images from a digital camera.

If your digital camera supports DPOF printing, you will be able to choose on the digital camera display the images and number of copies you want to print.

When the memory card (CompactFlash®, Memory Stick®, Memory Stick Pro™, SD, SDHC or xD-Picture Card™) with DPOF information is put into your machine, you can print the chosen image easily.

1 Make sure you have put a memory card in the correct slot.
The machine will ask you if you want to use DPOF setting.
The DPOF file on the memory card must be in a valid DPOF format.

2 Press `Yes`.

3 Do one of the following:

- Press `Print Setting` to change the print settings. (See page 107.)
- If you do not want to change any settings, press **Colour Start** to print.

Note

A DPOF File error can occur if the print order that was created on the camera has been corrupted. Delete and recreate the print order using your camera to correct this problem. For instructions on how to delete or recreate the print order, refer to your camera manufacturer's support website or accompanying documentation.

Downloaded from ManualsPrinter.com Manuals

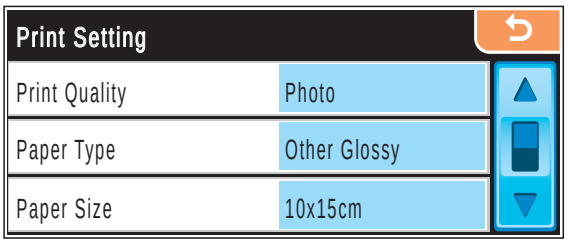
PhotoCapture Center™ print settings

You can change the print settings temporarily for the next print.

The machine returns to its default settings after 3 minutes, or if the Mode Timer returns the machine to Fax mode. (See *Mode Timer* on page 25.)

Note

You can save the print settings you use most often by setting them as the default. (See *Setting your changes as a new default* on page 112.)



Menu Selections	Options 1	Options 2	Page
Print Quality (Does not appear for DPOF printing)	Normal/Photo	—	108
Paper Type	Plain Paper/Inkjet Paper/ Brother BP71/Other Glossy	—	108
Paper Size	10x15cm/13x18cm/A4/Letter	(When A4 or Letter is chosen) 8x10cm/ 9x13cm/ 10x15cm/13x18cm/ 15x20cm/Max. Size	109
Brightness (Does not appear when Enhance Photos is chosen.)	Dark Light 0	—	109
Contrast (Does not appear when Enhance Photos is chosen.)	– + 0	—	109

Downloaded from ManualsPrinter.com Manuals

Menu Selections	Options 1	Options 2	Page
Color Enhance (Does not appear when Enhance Photos is chosen.)	On/Off White Balance Sharpness Color Density 	—	110
Cropping	On/Off	—	111
Borderless	On/Off	—	111
Date Print (Does not appear when DPOF print is chosen)	On/Off	—	111
Set New Default	Yes No	—	112
Factory Reset	Yes No	—	112

Print Speed and Quality

1. Press Print Setting.
2. Press ▲ or ▼ to display Print Quality.
3. Press Print Quality.
4. Press Normal or Photo.
5. If you do not want to change additional settings, press .
   Press **Colour Start** to print.

Paper options

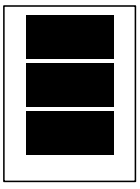
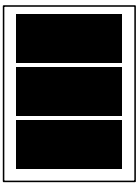
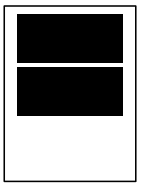
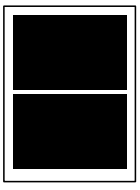
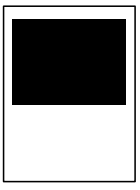
Paper Type

1. Press Print Setting.
2. Press ▲ or ▼ to display Paper Type.
3. Press Paper Type.
4. Press the paper type you are using, Plain Paper, Inkjet Paper, Brother BP71 or Other Glossy.
5. If you do not want to change additional settings, press .
   Press **Colour Start** to print.

Downloaded from ManualsPrinter.com Manuals

Paper and print size

1. Press Print Setting.
2. Press ▲ or ▼ to display Paper Size.
3. Press Paper Size.
4. Press the paper size you are using, 10x15cm, 13x18cm, A4 or Letter.
   Do one of the following:
   - If you chose Letter or A4, go to step 5.
   - If you chose another size of paper, go to step 6.
5. Press the Print Size.

Example: Printed Position for A4 paper		
1 8x10cm	2 9x13cm	3 10x15cm
		
4 13x18cm	5 15x20cm	6 Max. Size
		

6. If you do not want to change additional settings, press .
   Press **Colour Start**.

Adjusting Brightness, Contrast and Colour

Brightness

1. Press Print Setting.
2. Press ▲ or ▼ to display Brightness.
3. Press Brightness.
4. Press ◄ or ► to make a darker or lighter print.
   Press OK.
5. If you do not want to change additional settings, press .
   Press **Colour Start** to print.

Contrast

You can choose the contrast setting. More contrast will make an image look sharper and more vivid.

1. Press Print Setting.
2. Press ▲ or ▼ to display Contrast.
3. Press Contrast.
4. Press ◄ or ► to change the contrast.
   Press OK.
5. If you do not want to change additional settings, press .
   Press **Colour Start** to print.

Downloaded from ManualsPrinter.com Manuals

Colour Enhancement

You can turn on the colour enhancement feature to print more vivid images. Printing time will be slower.

1. Press `Print Setting`.
2. Press ▲ or ▼ to display `Color Enhance`.
3. Press `Color Enhance`.
4. Do one of the following:
   - If you want to customize the White Balance, Sharpness or Colour Density, press `On`, and then go to step ❺.
   - If you do not want to customize, press `Off`.

     Go to step ❽.
5. Press `White Balance`, `Sharpness` or `Color Density`.
6. Press ◀ or ▶ to adjust the degree of the setting.
   Press `OK`.
7. Do one of the following:
   - If you want to customize another colour enhancement, repeat steps ❺ to ❻.
   - If you want to change other settings, press to display the print setting menu and press the setting you want to change. (See page 107.)
8. If you do not want to change additional settings, press .
   Press **Colour Start** to print.

Note

- **White Balance**

  This setting adjusts the hue of the white areas of an image. Lighting, camera settings and other influences will affect the appearance of white. The white areas of a picture may be slightly pink, yellow or some other colour. By using this setting, you can correct that effect and bring the white areas back to pure white.

- **Sharpness**

  This setting enhances the detail of an image, similar to adjusting the fine focus on a camera. If the image is not in true focus and you cannot see the fine details of the picture, then adjust the sharpness.

- **Colour Density**

  This setting adjusts the total amount of colour in the image. You can increase or decrease the amount of colour in an image to improve a washed out or weak picture.

Downloaded from ManualsPrinter.com Manuals

Cropping

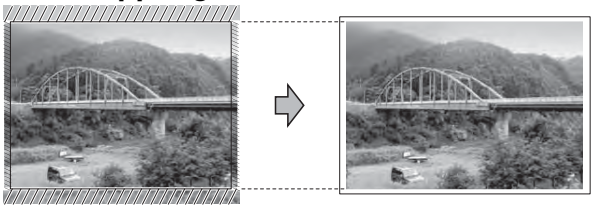
If your photo is too long or wide to fit the available space on your chosen layout, part of the image will automatically be cropped.

The factory setting is On. If you want to print the whole image, turn this setting to Off.

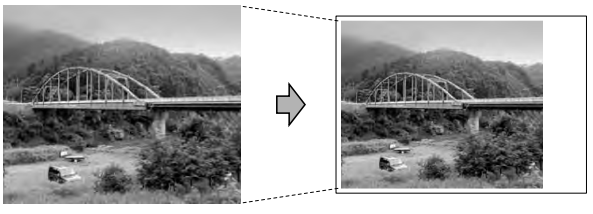
If you are also using the Borderless setting, turn the Borderless to Off. (See *Borderless printing* on page 111.)

1. Press Print Setting.
2. Press ▲ or ▼ to display Cropping.
3. Press Cropping.
4. Press Off (or On).
5. If you do not want to change additional settings, press .
   Press **Colour Start** to print.

Cropping: On



Cropping: Off



Borderless printing

This feature expands the printable area to the edges of the paper. Printing time will be slightly slower.

1. Press Print Setting.
2. Press ▲ or ▼ to display Borderless.
3. Press Borderless.
4. Press Off (or On).
5. If you do not want to change additional settings, press .
   Press **Colour Start** to print.

Date Print

You can print the date which is already in the data on your photo. The date will be printed on the lower right corner. If the data doesn't have the date information, you cannot use this function.

1. Press Print Setting.
2. Press ▲ or ▼ to display Date Print.
3. Press Date Print.
4. Press On (or Off).
5. If you do not want to change additional settings, press .
   Press **Colour Start** to print.

Note

The DPOF setting on your camera must be turned off to use the Date Print.

Downloaded from ManualsPrinter.com Manuals

Setting your changes as a new default

You can save the print settings you use most often by setting them as the default settings. These settings will stay until you change them again.

1. Press your new setting.
   Repeat this step for each setting you want to change.
2. After changing the last setting, press ▲ or ▼ to choose `Set New Default`.
3. Press `Set New Default`.
4. Press `Yes` to confirm.
5. Press **Stop/Exit**.

Restoring all settings to the factory settings

You can restore all the settings you have changed to the factory settings. These settings will stay until you change them again.

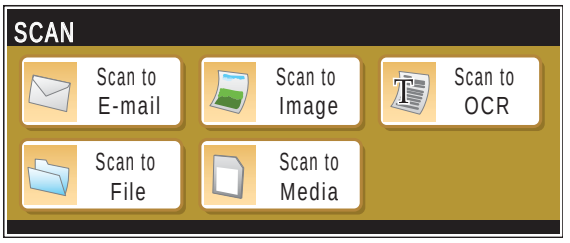
1. Press `Print Setting`.
2. Press ▲ or ▼ to display `Factory Reset`.
3. Press `Factory Reset`.
4. Press `Yes` to confirm.
5. Press **Stop/Exit**.

Scan to a memory card or USB Flash memory drive

Entering Scan mode

When you want to scan to a memory card or USB Flash memory drive, press (**Scan**).

The LCD shows:



Press `Scan to Media`.

If you are not connected to your computer only the Scan to Media selection is available on the LCD.

(See *Scanning* for Windows® or Macintosh® in the Software User's Guide on the CD-ROM for details about the other menu options.)

Downloaded from ManualsPrinter.com Manuals

How to scan to a memory card or USB Flash memory drive

You can scan monochrome and colour documents onto a memory card or USB Flash memory drive. Monochrome documents will be stored in PDF (*.PDF) or TIFF (*.TIF) file formats. Colour documents may be stored in PDF (*.PDF) or JPEG (*.JPG) file formats. The factory setting is `Color 150 dpi` and the default file format is PDF. The machine automatically creates file names based on the current date. (For details, see the Quick Setup Guide.) For example, the fifth image scanned on July 1, 2009 would be named 01070905.PDF. You can change the colour and quality.

Quality	Selectable File Format
`Color 150 dpi`	`JPEG` / `PDF`
`Color 300 dpi`	`JPEG` / `PDF`
`Color 600 dpi`	`JPEG` / `PDF`
`B/W 200x100 dpi`	`TIFF` / `PDF`
`B/W 200 dpi`	`TIFF` / `PDF`

1. Insert a CompactFlash®, Memory Stick®, Memory Stick Pro™, SD, SDHC, xD-Picture Card™ or USB Flash memory drive into your machine.

CAUTION

DO NOT take out the memory card or USB Flash memory drive while **Photo Capture** is blinking to avoid damaging the card, USB Flash memory drive or data stored on the card.

2. Load your document.
3. Press (**Scan**).
4. Press `Scan to Media`.
5. Do one of the following:
   - To change the quality, press ◀ or ▶ to display `Quality`.
     Press `Quality` and choose `Color 150 dpi`, `Color 300 dpi`, `Color 600 dpi`, `B/W 200x100 dpi` or `B/W 200 dpi`.
   - To change the file type, press ◀ or ▶ to display `File Type`.
     Press `File Type` and choose `PDF`, `JPEG` or `TIFF`.
   - If you want to change the file name, press ◀ or ▶ to display `File Name`.
     Press `File Name` and enter the file name.

     You can only change the first 6 characters.

     Press `OK`.
   - Press **Mono Start** or **Colour Start** to start scanning without changing additional settings.

Note

- If you chose colour in the resolution setting, you cannot choose `TIFF`.
- If you chose monochrome in the resolution setting, you cannot choose `JPEG`.

6. Press **Mono Start** or **Colour Start**.

Downloaded from ManualsPrinter.com Manuals

How to change the file name

You can change the file name.

1. Press (**Scan**).
2. Press `Scan to Media`.
3. Press ◀ or ▶ to display `File Name`.
4. Press `File Name`.
   Press to delete characters. Then enter the new file name (up to 6 characters). (See *Entering Text* on page 195.)
5. Press `OK`.

How to set a new default

You can set your own default setting.

1. Press (**Scan**).
2. Press `Scan to Media`.
3. Press ◀ or ▶ to display `Set New Default`.
4. Press `Set New Default`.
5. Press `Yes` to confirm.
6. Press **Stop/Exit**.

How to reset to factory settings

You can reset the factory settings which you set.

1. Press (**Scan**).
2. Press `Scan to Media`.
3. Press ◀ or ▶ to choose `Factory Reset`.
4. Press `Factory Reset`.
5. Press `Yes` to confirm.
6. Press **Stop/Exit**.

Downloaded from ManualsPrinter.com Manuals

Understanding the Error Messages

Once you are familiar with the types of errors that can occur while you are using PhotoCapture Center™, you can easily identify and troubleshoot any problems.

- `Hub is Unusable.`

  This message will appear if a Hub or USB Flash memory drive with a Hub has been put into the USB direct interface.

- `Media Error`

  This message will appear if you put in a memory card that is either bad or not formatted, or when there is a problem with the media drive. To clear this error, take out the memory card.

- `No File`

  This message will appear if you try to access a memory card or USB Flash memory drive in the drive (slot) that does not contain a .JPG file.

- `Out of Memory`

  This message will appear if you are working with images that are too large for the machine's memory. This message will also appear when a memory card or USB Flash memory drive you are using does not have enough space available for the scanned document.

- `Media is Full.`

  This message will appear if you are trying to save more than 999 files in a memory card or USB Flash memory drive.

- `Unusable Device`

  This message will appear if a USB device or USB Flash memory drive that is not supported has been connected to the USB direct interface. For more information, visit us at http://solutions.brother.com. This message will also appear if you connect a broken device to the USB direct interface.

Downloaded from ManualsPrinter.com Manuals

14 Printing photos from a camera

Printing photos directly from a PictBridge camera

Your Brother machine supports the PictBridge standard, allowing you to connect to and print photos directly from any PictBridge compatible digital camera.

If your camera is using the USB Mass Storage standard, you can also print photos from a digital camera without PictBridge. (See *Printing photos directly from a digital camera (without PictBridge)* on page 118.)

PictBridge requirements

To avoid errors, remember the following points:

- The machine and the digital camera must be connected using a suitable USB cable.
- The image file extension must be .JPG (other image file extensions like .JPEG, .TIF, .GIF and so on will not be recognized).
- PhotoCapture Center™ operations are not available when using the PictBridge feature.

Setting your digital camera

Make sure your camera is in PictBridge mode. The following PictBridge settings may be available from the LCD of your PictBridge compatible camera.

Depending on your camera some of these settings may not be available.

Camera Menu Selections	Options
Paper Size	Letter, A4, 10x15cm, Printer Settings (Default setting) [2]
Paper Type	Plain Paper, Glossy Paper, Inkjet Paper, Printer Settings (Default setting) [2]
Layout	Borderless: On, Borderless: Off, Printer Settings (Default setting) [2]
DPOF setting [1]	-
Print Quality	Normal, Fine, Printer Settings (Default setting) [2]
Color Enhancement	On, Off, Printer Settings (Default setting) [2]
Date Print	On, Off, Printer Settings (Default setting) [2]

1 See *DPOF printing* on page 117 for more details.

2 If your camera is set to use the Printer Settings (Default setting), the machine will print your photo using the following settings.

Settings	Options
Paper Size	10x15cm
Paper Type	Other Glossy
Layout	Borderless: On
Print Quality	Photo
Color Enhancement	Off
Date Print	Off

- When your camera does not have any menu selections, these settings are also used.
- The names and availability of each setting depends on the specification of your camera.

Please refer to the documentation supplied with your camera for more detailed information on changing PictBridge settings.

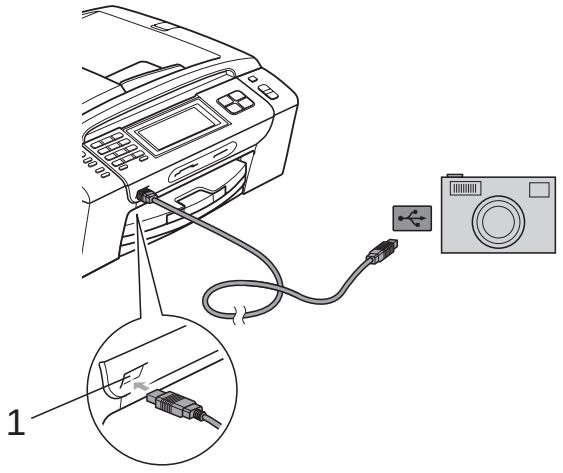
Downloaded from ManualsPrinter.com Manuals

Printing Images

Note

Remove any memory cards or USB Flash memory drive from the machine before connecting a digital camera.

1. Make sure that your camera is turned off. Connect your camera to the USB direct interface (1) on the machine using a USB cable.



1 USB direct interface

2. Turn on the camera.
When the machine has recognized the camera, the LCD shows `Camera Connected`.

3. Choose the photo you want to print following the instructions from your camera.
When the machine starts printing a photo, the LCD will show `Printing`.

CAUTION

To prevent damage to your machine, do not connect any device other than a digital camera or USB Flash memory drive to the USB direct interface.

DPOF printing

DPOF stands for Digital Print Order Format.

Major digital camera manufacturers (Canon Inc., Eastman Kodak Company, Fuji Photo Film Co. Ltd., Matsushita Electric Industrial Co. Ltd. and Sony Corporation) created this standard to make it easier to print images from a digital camera.

If your digital camera supports DPOF printing, you will be able to choose on the digital camera display the images and number of copies you want to print.

Note

A DPOF File error can occur if the print order that was created on the camera has been corrupted. Delete and recreate the print order using your camera to correct this problem. For instructions on how to delete or recreate the print order, refer to your camera manufacturer's support website or accompanying documentation.

Downloaded from ManualsPrinter.com Manuals

Printing photos directly from a digital camera (without PictBridge)

If your camera supports the USB Mass Storage standard, you can connect your camera in storage mode. This enables you to print photos from your camera.

(If you would like to print photos in PictBridge mode, see *Printing photos directly from a PictBridge camera* on page 116.)

Note

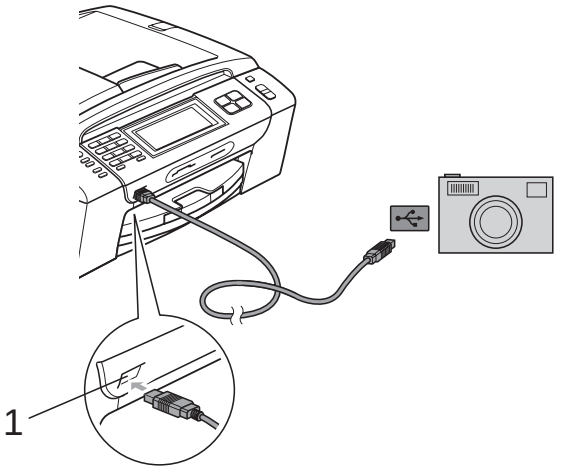
The name, availability and operation differ among digital cameras. Please refer to the documentation supplied with your camera for detailed information, such as how to switch from PictBridge mode to USB mass storage mode.

Printing Images

Note

Remove any memory cards or USB Flash memory drive from the machine before connecting a digital camera.

1. Make sure that your camera is turned off. Connect your camera to the USB direct interface (1) on the machine using the USB cable.



1 USB direct interface

2. Turn on the camera.

3. Follow the steps in *Print Images* on page 103.

CAUTION

To prevent damage to your machine, do not connect any device other than a digital camera or USB Flash memory drive to the USB direct interface.

Downloaded from ManualsPrinter.com Manuals

Understanding the Error Messages

Once you are familiar with the types of errors that can occur while you are printing from a camera, you can easily identify and troubleshoot any problems.

- `Out of Memory`

  This message will appear if you are working with images that are too large for the machine's memory.

- `Unusable Device`

  This message will appear if you connect a camera which is not using the USB Mass Storage standard. This message will also appear if you connect a broken device to the USB direct interface.

(For more detailed solutions see *Error and Maintenance messages* on page 150.)

Downloaded from ManualsPrinter.com Manuals

15 Wireless photo printing (MFC-990CW only)

Printing photos with Bluetooth® wireless technology

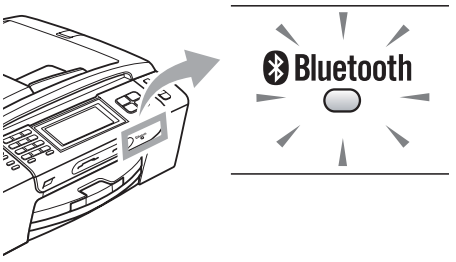
Your Brother machine supports *Bluetooth*® wireless technology for printing photos.

Bluetooth® wireless technology enables short range wireless communication between your machine and *Bluetooth*® wireless technology enabled devices for printing photos.

The requirements for using Bluetooth® wireless technology

To avoid errors, remember the following points:

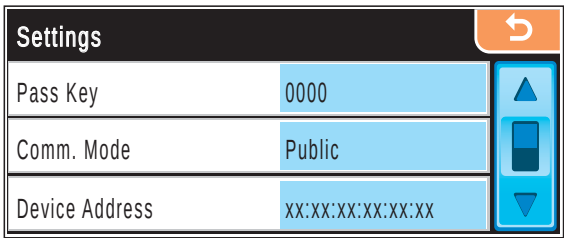
- The image file extension must be .JPG (other image file extensions such as .JPEG, .TIF and .GIF and so on will not be recognized).
- The size of the image file must be no larger than 3 MB.
- Your machine is a Class 2 device and the communication range is between 0 to 33 feet. You cannot print outside this range.



You can print photos only when the indicator is illuminated in blue. (For details about turning on the indicator, see *Enable your Bluetooth® wireless technology* on page 121.)

Downloaded from ManualsPrinter.com Manuals

Set up your machine



Enable your Bluetooth® wireless technology

You can set *Bluetooth*® wireless technology to On or Off.

1. Press MENU.
2. Press ▲ or ▼ to display Bluetooth.
3. Press Bluetooth.
4. Press ▲ or ▼ to display Turn On/Off.
5. Press Turn On/Off.
6. Press On (or Off).
7. Do one of the following:
   - If you want to change any other settings, press the setting you want to change.
   - If you do not want to change other settings, press **Stop/Exit**.

Pass key

This setting creates a pass key that authorizes a *Bluetooth*® wireless technology enabled device to communicate with your machine. The default setting is 0000.

1. Press MENU.
2. Press ▲ or ▼ to display Bluetooth.
3. Press Bluetooth.
4. Press ▲ or ▼ to display Settings.
5. Press Settings.
6. Press ▲ or ▼ to display Pass Key.
7. Press Pass Key.
8. Enter a 4-digit number pass key using the buttons on the LCD.
   Press OK.
9. Press **Stop/Exit**.

Communication Mode

This setting controls the level of security between other *Bluetooth*® wireless technology enabled devices and your machine.

1. Press MENU.
2. Press ▲ or ▼ to display Bluetooth.
3. Press Bluetooth.
4. Press ▲ or ▼ to display Settings.
5. Press Settings.
6. Press ▲ or ▼ to display Comm. Mode.
7. Press Comm. Mode.
8. Do one of the following:
   - Press Public if you want to allow any *Bluetooth*® wireless technology enabled device to use your machine.
   - Press Private if you want to allow a *Bluetooth*® enabled device that has the device address registered.
   - Press Secure if you want to allow anyone who has the correct pass key to use your machine.
9. Press **Stop/Exit**.

Downloaded from ManualsPrinter.com Manuals

Device Address

The device address is the ID number which identifies your machine, and it cannot be edited.

Device Name

You can name your machine to distinguish from other *Bluetooth*® wireless technology enabled devices.

1. Press MENU.
2. Press ▲ or ▼ to display Bluetooth.
3. Press Bluetooth.
4. Press ▲ or ▼ to display Settings.
5. Press Settings.
6. Press ▲ or ▼ to display Device Name.
7. Press Device Name.
8. Enter the name (up to 16 characters) using the buttons on the LCD.
   Press A1@ to choose numbers or characters.
   Press OK.

Note

You cannot enter special characters.

9. Press **Stop/Exit**.

Print settings

Once you set the Print settings they will remain the same until you change them.

Print Quality

1. Press MENU.
2. Press ▲ or ▼ to display Bluetooth.
3. Press Bluetooth.
4. Press ▲ or ▼ to display Print Settings.
5. Press Print Settings.
6. Press ▲ or ▼ to display Print Quality.
7. Press Print Quality.
8. Press Normal or Photo.
9. Press **Stop/Exit**.

Paper Type

1. Press MENU.
2. Press ▲ or ▼ to display Bluetooth.
3. Press Bluetooth.
4. Press ▲ or ▼ to display Print Settings.
5. Press Print Settings.
6. Press ▲ or ▼ to display Paper Type.
7. Press Paper Type.
8. Press Plain Paper, Inkjet Paper, Brother BP71 or Other Glossy.
9. Press **Stop/Exit**.

Downloaded from ManualsPrinter.com Manuals

Paper Size

1. Press MENU.
2. Press ▲ or ▼ to display Bluetooth.
3. Press Bluetooth.
4. Press ▲ or ▼ to display Print Settings.
5. Press Print Settings.
6. Press ▲ or ▼ to display Paper Size.
7. Press Paper Size.
8. Press 10x15cm, Letter, 13x18cm or A4.
9. Press **Stop/Exit**.

Borderless

This feature expands the printable area to the edges of the paper. Printing time will be slightly slower.

1. Press MENU.
2. Press ▲ or ▼ to choose Bluetooth.
3. Press Bluetooth.
4. Press ▲ or ▼ to display Print Settings.
5. Press Print Settings.
6. Press ▲ or ▼ to display Borderless.
7. Press Borderless.
8. Press On (or Off).
9. Press **Stop/Exit**.

Date Print

You can print the date if it is already in the data on your photo. The date will be printed on the lower right corner. If the photo data does not have the date information, you cannot use this function.

1. Press MENU.
2. Press ▲ or ▼ to display Bluetooth.
3. Press Bluetooth.
4. Press ▲ or ▼ to display Print Settings.
5. Press Print Settings.
6. Press ▲ or ▼ to display Date Print.
7. Press Date Print.
8. Press On (or Off).
9. Press **Stop/Exit**.

Restoring all settings to the factory settings

You can restore all the settings you have changed to the factory settings. These settings will stay until you change them again.

1. Press MENU.
2. Press ▲ or ▼ to display Bluetooth.
3. Press Bluetooth.
4. Press ▲ or ▼ to display Factory Reset.
5. Press Factory Reset.
6. Press Yes (or No).
7. Press **Stop/Exit**.

Downloaded from ManualsPrinter.com Manuals

Understanding the Error Messages

Once you are familiar with the types of errors that can occur while you are printing from a *Bluetooth*® wireless technology enabled device, you can easily identify and troubleshoot any problems.

- `File size is too large`

  This message will appear if the file size is larger than 3 MB.

- `Unsupported file type`

  This message will appear if the file type is other than .JPG.

- `Out of Memory`

  This message will appear if you are working with images that are too large for the machine's memory. This message will also appear when the *Bluetooth*® enabled device you are using does not have enough space available for the scanned document.

(For more detailed solutions see *Error and Maintenance messages* on page 150.)

Downloaded from ManualsPrinter.com Manuals

Section V

Software

Software and Network features 126

Downloaded from ManualsPrinter.com Manuals

16 Software and Network features

The CD-ROM includes the Software User's Guide and Network User's Guide for features available when connected to a computer (for example, printing and scanning). These guides have easy to use links that, when clicked, will take you directly to a particular section.

You can find information on these features:

- Printing
- Scanning
- ControlCenter3 (for Windows®)
- ControlCenter2 (for Macintosh®)
- Remote Setup
- Faxing from your computer
- PhotoCapture Center™
- Network Printing
- Network Scanning
- Wired and Wireless Network

How to read HTML User's Guide

This is a quick reference for using the HTML User's Guide.

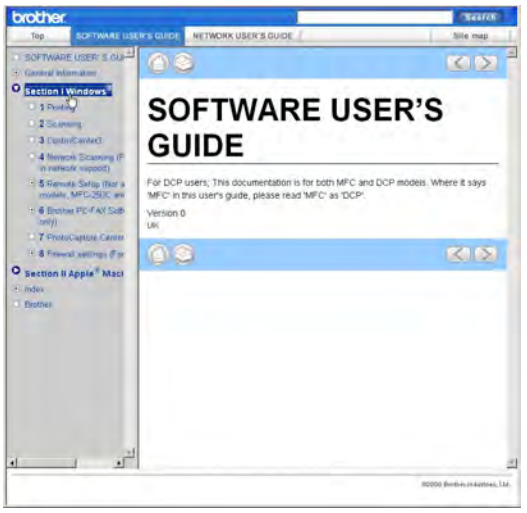
For Windows®

Note

If you have not installed the software, see *Viewing Documentation* on page 2.

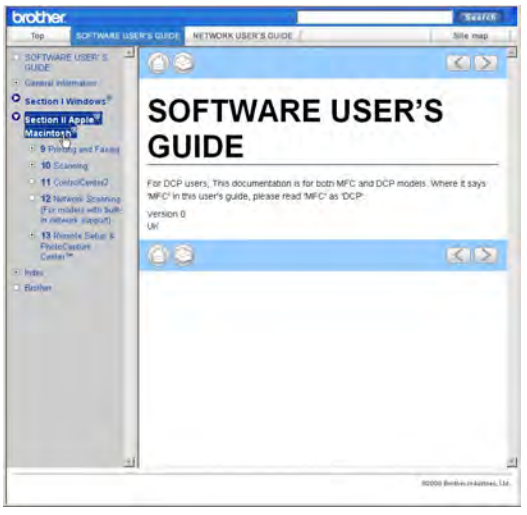
1. From the **Start** menu, point to **Brother**, **MFC-XXXX** (where XXXX is your model number) from the programs group, then click **User's Guides in HTML format**.
2. Click **SOFTWARE USER'S GUIDE** (or **NETWORK USER'S GUIDE**) from the top menu.

3. Click the heading you would like to view from the list at the left of the window.



For Macintosh®

1. Make sure your Macintosh® is turned on. Insert the Brother CD-ROM into your CD-ROM drive.
2. Double-click the **Documentation** icon.
3. Double-click your language folder, and then double-click the top.html.
4. Click **SOFTWARE USER'S GUIDE** (or **NETWORK USER'S GUIDE**) in the top menu, and then click the heading you would like to read from the list at the left of the window.



Downloaded from ManualsPrinter.com Manuals

Section VI

Appendixes

Safety and Legal	128
Troubleshooting and Routine Maintenance	142
Menu and Features	173
Specifications	196
Glossary	214

Downloaded from ManualsPrinter.com Manuals

A Safety and Legal

Choosing a location

Put your machine on a flat, stable surface that is free of vibration and shocks, such as a desk. Put the machine near a telephone socket and a standard grounded electrical socket. Choose a location where the temperature remains between 10° C and 35° C.

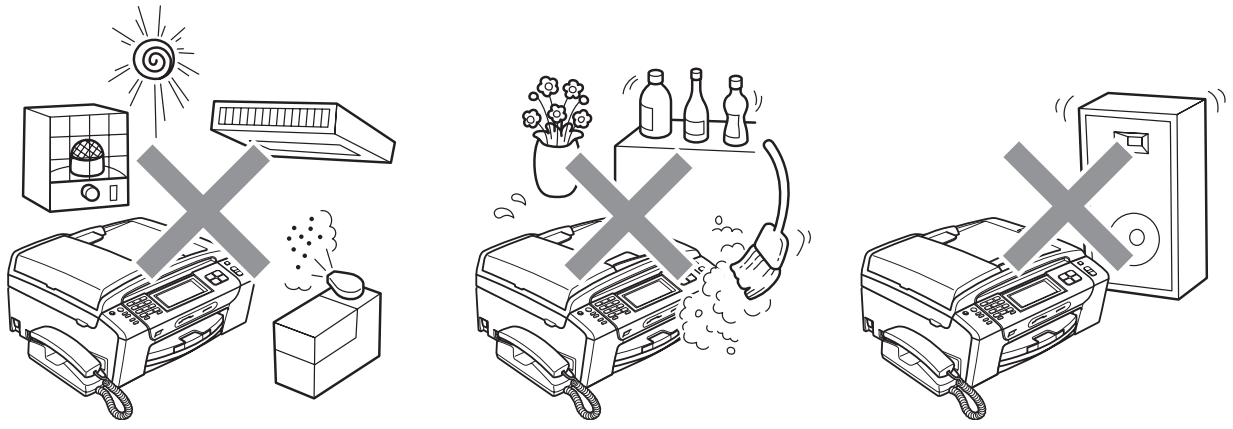
WARNING

DO NOT put the machine near heaters, air conditioners, refrigerators, medical equipment, chemicals or water.

DO NOT connect your machine to electrical sockets on the same circuit as large appliances or other equipment that might disrupt the power supply.

CAUTION

- Avoid placing your machine in a high-traffic area.
- Avoid placing your machine on a carpet.
- DO NOT expose the machine to direct sunlight, excessive heat, moisture, or dust.
- DO NOT connect your machine to electrical sockets controlled by wall switches or automatic timers.
- Disruption of power can wipe out information in the machine's memory.
- Avoid interference sources, such as other cordless telephone systems or speakers.
- DO NOT tip the machine, or place it on any tilted surface. Doing this may cause ink spillage and internal damage to your machine.



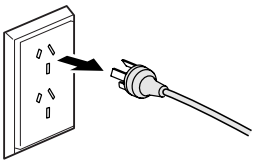
Downloaded from ManualsPrinter.com Manuals

To use the machine safely

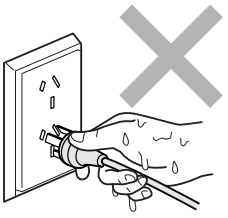
Please keep these instructions for later reference and read them before attempting any maintenance.

WARNING

There are high voltage electrodes inside the machine. Before you clean the inside of the machine, make sure you have unplugged the telephone line cord first and then the power cord from the electrical socket. Doing this will prevent an electrical shock.

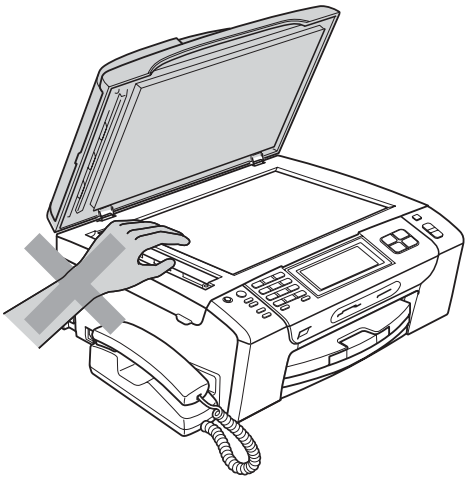


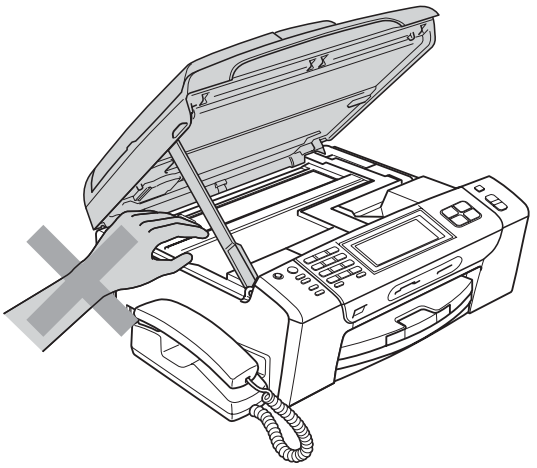
DO NOT handle the plug with wet hands. Doing this might cause an electrical shock.



DO NOT pull on the middle of the AC power cord. Doing this might cause an electrical shock.

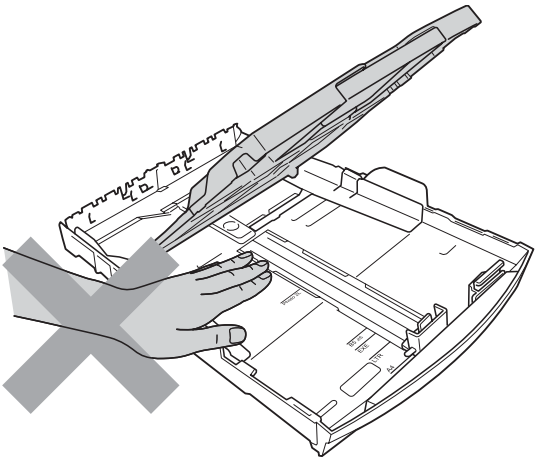
DO NOT put your hands on the edge of the machine under the document cover or the scanner cover. Doing this may cause injury.



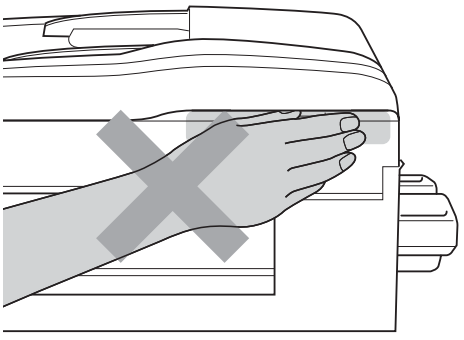


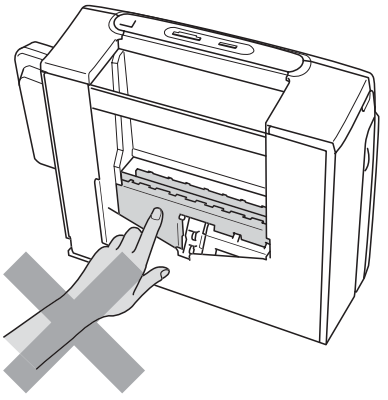
Downloaded from ManualsPrinter.com Manuals

DO NOT put your hands on the edge of the paper tray under the paper tray cover. Doing this may cause injury.



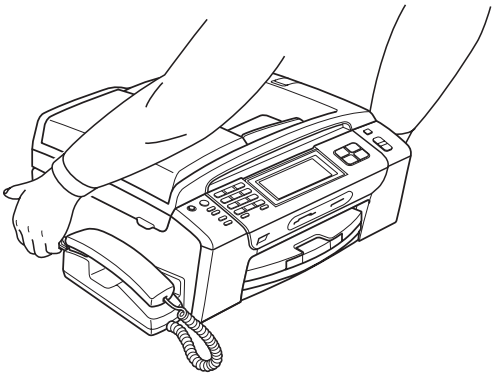
DO NOT touch the area shaded in the illustration. Doing this may cause injury.

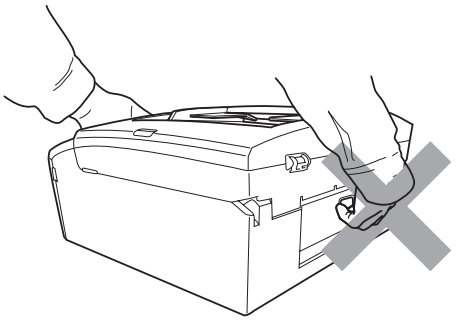




Downloaded from ManualsPrinter.com Manuals

When moving the machine you must lift it from the base, by placing a hand at each side of the unit as shown in the illustration. DO NOT carry the machine by holding the scanner cover or Jam Clear Cover.





DO NOT use flammable substances, any type of spray, liquid or aerosol cleaners to clean the inside or outside of the machine. Doing this may cause a fire or electrical shock.

If the machine becomes hot, releases smoke, or generates any strong smells, immediately unplug the machine from the electrical socket. Call your Brother dealer or Brother Customer Service.

If metal objects, water or other liquids get inside the machine, immediately unplug the machine from the electrical socket. Call your Brother dealer or Brother Customer Service.

Use caution when installing or modifying telephone lines. Never touch telephone wires or terminals that are not insulated unless the telephone line has been unplugged at the wall socket. Never install telephone wiring during a lightning storm. Never install a telephone wall socket in a wet location.

Downloaded from ManualsPrinter.com Manuals

This product must be installed near an electrical socket that is easily accessible. In case of an emergency, you must unplug the power cord from the electrical socket to shut off the power completely.

This product should be connected to an AC power source within the range indicated on the rating label. DO NOT connect it to a DC power source or inverter. If you are not sure, contact a qualified electrician.

Always make sure the plug is fully inserted.

DO NOT use the machine if the power cord is frayed or damaged, doing so may cause a fire.

When using your telephone equipment, basic safety precautions should always be followed to reduce the risk of fire, electric shock and injury to people, including the following:

1 DO NOT use this product near water, for example, near a bath tub, wash bowl, kitchen sink or washing machine, in a wet basement or near a swimming pool.

2 Avoid using this product during an electrical storm. There may be a remote risk of electric shock from lightning.

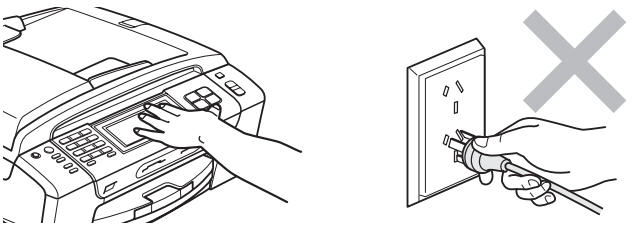
3 DO NOT use this product to report a gas leak in the vicinity of the leak.

4 DO NOT dispose of batteries in a fire. They may explode. Check with local codes for possible special disposal instructions.

CAUTION

Lightning and power surges can damage this product! We recommend that you use a quality surge protection device on the AC power line or unplug the cords during a lightning storm.

DO NOT touch the Touchscreen immediately after plugging in the power cord or turning the machine on. Doing this may cause an error.



Downloaded from ManualsPrinter.com Manuals

IMPORTANT-For Your Safety

To ensure safe operation the two-pin plug or the three-pin plug supplied must be inserted only into a standard two-pin power point or three-pin power point which is effectively grounded through the normal household wiring.

Extension cords used with the equipment must be two-condoctor or three-conductor and be correctly wired to provide connection to ground. Incorrectly wired extension cords are a major cause of fatalities.

The fact that the equipment operates satisfactorily does not imply that the power is grounded and that the installation is completely safe. For your safety, if in any doubt about the effective grounding of the power, consult a qualified electrician.

Disconnect device

This product must be installed near an electrical socket that is easily accessible. In case of emergencies, you must disconnect the power cord from the electrical socket to shut off power completely.

LAN connection

CAUTION

DO NOT connect this product to a LAN connection that is subject to over-voltages.

Radio interference

This product complies with EN55022 (CISPR Publication 22) /Class B. When connecting the machine to a computer, ensure that you use a USB cable which does not exceed 2.0 m in length.

International ENERGY STAR® Compliance Statement

The purpose of the International ENERGY STAR® Program is to promote the development and popularization of energy-efficient office equipment.

As an ENERGY STAR® Partner, Brother Industries, Ltd. has determined that this product meets the ENERGY STAR® guidelines for energy efficiency.

Downloaded from ManualsPrinter.com Manuals

Important Information for Australia

Important safety instructions

1 Read all of these instructions.

2 Save them for later reference.

3 Follow all warnings and instructions marked on the product.

4 Unplug this product from the wall socket before cleaning the outside of the machine and the scanner glass. Do not use liquid or aerosol cleaners. Use a damp cloth for cleaning.

5 Do not use this product near water.

6 Do not place this product on an unstable cart, stand, or table. The product may fall, causing serious damage to the product.

7 Slots and openings in the cabinet and the back or bottom are provided for ventilation; to ensure reliable operation of the product and to protect it from overheating, these openings must not be blocked or covered. The openings should never be blocked by placing the product on a bed, sofa, rug, or other similar surface. This product should never be placed near or over a radiator or heater. This product should never be placed in a built-in installation unless adequate ventilation is provided.

8 This product should be connected to an AC power source within the range indicated on the rating label. Do NOT connect it to a DC power source. If you are not sure, contact a qualified electrician.

9 This product is equipped with a 3-wire grounded plug, a plug having a third (grounded) pin. This plug will only fit into a grounded power outlet. This is a safety feature. If you are unable to insert the plug into the outlet, call your electrician to replace your obsolete outlet. Do not defeat the purpose of the grounded plug.

10 Do not place anything on top of the power cord including this machine. Do not allow the power cord to be stepped on.

11 Do not place anything in front of the machine that will block received faxes. Do not place anything in the path of received faxes.

12 Do not touch a document during printing.

13 Never push objects of any kind into this product through cabinet slots, since they may touch dangerous voltage points or short out parts resulting in a risk of fire or electric shock. Never spill liquid of any kind on the product.

14 Do not attempt to service this product yourself, because opening or removing covers may expose you to dangerous voltage points and/or other risks. Refer all servicing to service personnel.

15 Wait until pages have exited the machine before picking them up.

Downloaded from ManualsPrinter.com Manuals

16 Unplug this product from the electrical socket and refer servicing to Authorized Service Personnel under the following conditions:

- When the power cord is damaged or frayed.
- If liquid has been spilled into the product.
- If the product has been exposed to rain or water.
- If the product does not operate normally when the operating instructions are followed. Adjust only those controls that are covered by the operating instructions. Improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to normal operation.
- If the product has been dropped or the cabinet has been damaged.
- If the product exhibits a distinct change in performance, indicating a need for service.

17 Small metallic objects such as pins and staples may be attracted to the phone's earpiece.

Important Information for New Zealand

Important Safety Instructions

1 Read all of these instructions.

2 Save them for later reference.

3 Follow all warnings and instructions marked on the product.

4 Unplug this product from the wall outlet before cleaning the outside of the machine. Do not use liquid or aerosol cleaners. Use a damp cloth for cleaning.

5 The grant of a Telepermit for any item of terminal equipment indicates only that Telecom has accepted that the item complies with minimum conditions for connection to its network. It indicates no endorsement of the product by Telecom, nor does it provide any sort of warranty. Above all, it provides no assurance that any item will work correctly in all respects with another item of Telepermitted equipment of a different make or model, nor does it imply that any product is compatible with all of Telecom's network services.

6 This equipment does not fully meet Telecom's impedance requirements. Performance limitations may occur when used in conjunction with some parts of the network. Telecom will accept no responsibility should difficulties arise in such circumstances.

7 If a charge for local calls is acceptable, the "Dial Button" should not be used for local calls. Only the 7-digits of the local number should be dialled from your telephone. Do not dial the area code digit or the "0 " prefix.

8 This equipment shall not be set to make automatic calls to the Telecom '111 ' Emergency Service.

9 This equipment should not be used under any circumstances which may constitute a nuisance to other Telecom customers.

10 Not all telephones will respond to incoming ringing when connected to the extension socket.

11 The answer delay setting of this equipment shall not be set to less than the default setting as this will destroy Caller ID information.

Downloaded from ManualsPrinter.com Manuals

12 All persons using this device for recording telephone conversations shall comply with New Zealand law. This requires that at least one party to the conversation is to be aware that it is being recorded. In addition, the Principles enumerated in the Privacy Act 1993 shall be complied with in respect to the nature of the personal information collected, the purpose for its collection, how it is to be used and what it disclosed to any other party.

13 Do not place this product on an unstable surface, stand, or table. The product may fall, causing serious damage to the product.

14 Slots and openings in the cabinet and the back or bottom are provided for ventilation; to ensure reliable operation of the product and to protect it from overheating, these openings must not be blocked or covered. The openings should never be blocked by placing the product on a bed, sofa, rug, or other similar surface. This product should never be placed near or over a radiator or heater. This product should not be placed in a built-in installation unless proper ventilation is provided.

15 This product should be connected to an AC power source within the range indicated on the rating label. Do NOT connect it to a DC power source. If you are not sure, contact a qualified electrician.

16 This product is equipped with a 3-wire earthed plug. This plug will fit into only an earthed socket. This is a safety feature. If you are unable to insert the plug into the outlet, contact your electrician to replace your obsolete socket. Do not defeat the purpose of an earthed plug.

17 Do not place anything on top of the power cord including this machine. Do not allow the power cord to be stepped on.

18 Do not place anything in front of the machine that will block received faxes. Do not place anything in the path of received faxes.

19 Do not touch a document during printing.

20 Never push objects of any kind into this product through cabinet slots, since they may touch dangerous voltage points or short out parts resulting in a risk of fire or electric shock. Never spill liquid of any kind on the product.

21 Do not attempt to service this product yourself, because opening or removing covers may expose you to dangerous voltage points and/or other risks. Refer all servicing to service personnel.

22 Unplug this product from the mains power and telephone line sockets, and refer servicing to qualified Service Personnel under the following conditions:

- If the power cord is damaged or frayed.
- If liquid has been spilled into the product.
- If the product has been exposed to rain or water.
- If the product does not operate normally when the operating instructions are followed. Adjust only those controls that are covered by the operating instructions. Incorrect adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to normal operation.
- If the product has been dropped or the cabinet has been damaged.
- If the product exhibits a distinct change in performance, indicating a need for service.

Downloaded from ManualsPrinter.com Manuals

23 This unit will only work in conjunction with a tone signalling (DTMF) telephone, but some telephones are not compatible. Since noise or speech from the telephone can upset dialling from this unit, errors may result if the devices are used together in other than quiet conditions.

24 Where it is necessary to dial prefix digits, such as a Caller Display override code (“0196 ” or “0197 ”), this unit will have to be used in conjunction with an associated tone signalling (DTMF) telephone.

25 Note that some telephones are not compatible with this unit and dialling errors may result if the two devices are used together in other than quiet conditions. The Telecom Faults Service is not to be called should such problems arise. In such cases, it is recommended that the prefix and wanted number are dialled manually.

26 This equipment may not provide for the effective hand-over of a call to another device connected to the same line.

27 This equipment is not capable, under all operating conditions, of correct operation at the higher speeds for which it is designed. Telecom will accept no responsibility should difficulties arise in such circumstances. This condition typically applies to 56 kbit/s modems and facsimile machines operating at >14.4 kbit/s.

28 When using the Caller Line Identification incorporated in this device, verify the integrity of the recorded digits prior to dialling.

29 Some parameters required for compliance with Telecom’s Telepermit requirements are dependent on the equipment (PC) associated with this device. The associated equipment shall be set to operate within the following limits for compliance with Telecom’s Specifications:

- There shall be no more than 10 call attempts to the same number within any 30 minute period for any single manual call initiation.
- The equipment shall go on-hook for a period of not less than 30 seconds between the end of one attempt and the beginning of the next call attempt.
- Automatic calls to different numbers are spaced such that there is not less than 5 seconds between the end of one call attempt and the beginning of another.
- Equipment shall be set to ensure that calls are answered within 3 and 30 seconds of the receipt of ringing.

30 In the event of any problem with this device, it is to be disconnected, and a CPE item connected to one of its terminal ports may be connected directly in its place.
The user should then arrange for the product to be repaired. Should the matter be reported to Telecom as a wiring fault and the fault is proven to be due to this product, a call out charge will be incurred by the customer.

31 The Caller ID telephone numbers that are displayed and stored in this equipment include the caller’s area code but not the toll access “0” prefix. When calling back it is necessary to add a “0” to the telephone number, or if the telephone number is a local number, omit the area code digit. If the toll services of a service provider other than Telecom are being used then a toll charge may be incurred if the “0” prefix toll access code and area code are used.

Downloaded from ManualsPrinter.com Manuals

Important Information for Some Countries

Important Safety Instructions

1 Read all of these instructions.

2 Save them for later reference.

3 Follow all warnings and instructions marked on the product.

4 Unplug this product from the wall outlet before cleaning the outside of the machine and the scanner glass. Do not use liquid or aerosol cleaners. Use a damp cloth for cleaning.

5 Do not place this product near water.

6 Do not place this product on an unstable cart, stand, or table. The product may drop, causing serious damage to the product.

7 Slots and openings in the cabinet and the back or bottom are provided for ventilation; to ensure reliable operation of the product and to protect it from overheating, these openings must not be blocked or covered. The openings should never be blocked by placing the product on a bed, sofa, rug, or other similar surface. This product should never be placed near or on a radiator or heater. This product should never be placed in a built-in installation unless proper ventilation is provided.

8 This product should be connected to an AC power source within the range indicated on the rating label. Do NOT connect it to a DC power source. If you are not sure, contact a qualified electrician.

9 This product is equipped with a 2-wire grounding type plug or a 3-wire grounding type plug (Only for Singapore, Malaysia, Hong Kong and India), a plug having two or three pins. This plug will only fit into only a grounding-type power outlet. This is a safety feature. If you are unable to insert the plug into the outlet, contact your electrician to replace your obsolete outlet. Do not defeat the purpose of the grounding-type plug.

10 Do not place anything on top of the power cord including this machine. Do not allow the power cord to be stepped on.

11 If an extension cord is used with this product, make sure that the total ampere ratings on the products plugged into the extension cord do not exceed the extension cord ampere rating.

12 Do not place anything in front of the machine that will block received faxes. Do not place anything in the path of received faxes.

13 Do not touch a document during printing.

14 Never push objects of any kind into this product through cabinet slots, since they may touch dangerous voltage points or short out parts resulting in the risk of fire or electric shock. Never spill liquid of any kind on the product.

15 Do not attempt to service this product yourself, as opening or removing covers may expose you to dangerous voltage points and/or other risks, and may void your warranty. Please refer all servicing to our Authorized Service Personnel. A list of Authorized Service Centres has been included for your convenience, or you may contact the Brother Dealer for Service.

Downloaded from ManualsPrinter.com Manuals

16 Unplug this product from the wall outlet and refer servicing to Authorized Service Personnel under the following conditions:

- If the power cord is damaged or frayed.
- If the product has been spilled by liquid.
- If the product has been exposed to rain or water.
- If the product does not operate normally when the operating instructions are followed. Adjust only those controls that are covered by the operating instructions. Improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to normal operation.
- If the product has been dropped or the cabinet has been damaged.
- If the product exhibits a distinct change in performance, indicating a need for service.

17 To protect your product against power surges, we recommend the use of a power protection device (Surge Protector).

WARNING

For protection against the risk of electrical shock, always disconnect all cables from the wall outlet before servicing, modifying or installing the equipment.

This equipment may not be used on coin service lines provided by the telephone company or connected to party lines.

Brother cannot accept any financial or other responsibilities that may be the result of your use of this information, including direct, special or consequential damages. There are no warranties extended or granted by this document.

Downloaded from ManualsPrinter.com Manuals

Legal limitations for copying

It is an offence to make reproductions of certain items or documents with the intent to commit fraud. This memorandum is intended to be a guide rather than a complete list. We suggest you check with relevant legal authorities if in doubt about a particular item or document.

The following are examples of documents which may not be copied:

- Money
- Bonds or other certificates of debt
- Certificates of Deposit
- Armed Forces Service or Draft papers.
- Passports
- Postage Stamps (cancelled or uncancelled)
- Immigration Papers
- Welfare documents
- Cheques or Drafts drawn by Governmental Agencies
- Identification Documents, badges or insignias

Copyrighted works cannot be copied. Sections of a copyrighted work can be copied for ‘fair dealing’. Multiple copies would indicate improper use.

Works of art should be considered the equivalent of copyrighted works.

Licenses and Certificates of Title to motor vehicles may not be copied under certain state/provincial laws.

Downloaded from ManualsPrinter.com Manuals

Trademarks

The Brother logo is a registered trademark of Brother Industries, Ltd.

Brother is a registered trademark of Brother Industries, Ltd.

Multi-Function Link is a registered trademark of Brother International Corporation.

© 2008 Brother Industries, Ltd. All rights reserved.

Windows Vista is either a registered trademark or a trademark of Microsoft Corporation in the United States and other countries.

Microsoft, Windows and Windows Server are registered trademarks of Microsoft Corporation in the United States and/or other countries.

Macintosh and TrueType are registered trademarks of Apple Inc.

The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. and any use of such marks by Brother Industries, Ltd. is under license.

Nuance, the Nuance logo, PaperPort and ScanSoft are trademarks or registered trademarks of Nuance Communications, Inc. or its affiliates in the United States and/or other countries.

Presto! PageManager is a registered trademark of NewSoft Technology Corporation.

Microdrive is a trademark of International Business Machines Corporation.

CompactFlash is a registered trademark of SanDisk Corporation.

Memory Stick is a registered trademark of Sony Corporation.

SanDisk is a licensee of the SD and miniSD trademarks.

xD-Picture Card is a trademark of Fujifilm Co. Ltd., Toshiba Corporation and Olympus Optical Co. Ltd.

PictBridge is a trademark.

Memory Stick Pro, Memory Stick Pro Duo, Memory Stick Duo and MagicGate are trademarks of Sony Corporation.

BROADCOM, SecureEasySetup and the SecureEasySetup logo are trademarks or registered trademarks of Broadcom Corporation in the United States and/or other countries.

AOSS is a trademark of Buffalo Inc.

Wi-Fi, WPA and WPA2 are registered trademarks and Wi-Fi Protected Setup is a trademark of Wi-Fi Alliance.

FaceFilter Studio is a trademark of Reallusion, Inc.

Each company whose software title is mentioned in this manual has a Software License Agreement specific to its proprietary programs.

All other brand and product names mentioned in this User's Guide are registered trademarks of their respective companies.

Downloaded from ManualsPrinter.com Manuals

B Troubleshooting and Routine Maintenance

Troubleshooting

If you think there is a problem with your machine, check the chart below and follow the troubleshooting tips.

Most problems can be easily resolved by yourself. If you need additional help, the Brother Solutions Center offers the latest FAQs and troubleshooting tips. Visit us at http://solutions.brother.com.

If you are having difficulty with your machine

Printing

Difficulty	Suggestions
No printout	Check the interface cable on both the machine and your computer. (See the *Quick Setup Guide*.)
	Make sure the machine is plugged in and not in Power Save mode.
	One or more ink cartridges are empty. (See *Replacing the ink cartridges* on page 160.)
	If the LCD says `Cannot Print` and `Replace Ink`, see *Replacing the ink cartridges* on page 160.
	Check to see if the LCD is showing an error message. (See *Error and Maintenance messages* on page 150.)
	Check that the correct printer driver has been installed and chosen.
	Make sure that the machine is online. Click **Start** and then **Printers and Faxes**. **Brother MFC-XXXX** (where XXXX is your model name), and make sure that **Use Printer Offline** is unchecked.
	When you choose the **Print Odd Pages** and **Print Even Pages** settings, you may see a printing error message on your computer, as the machine pauses during the printing process. The error message will disappear after the machine re-starts printing.
Poor print quality	Check the print quality. (See *Checking the print quality* on page 166.)
	Make sure that the Media Type setting in the printer driver or the Paper Type setting in the machine's menu matches the type of paper you are using. (See *Printing* for Windows® or *Printing and Faxing* for Macintosh® in the Software User's Guide on the CD-ROM and *Paper Type* on page 25.)
	Make sure that your ink cartridges are fresh. The following may cause ink to clog: ■ The expiration date written on the cartridge package has passed. (Brother Original cartridges stay usable for up to two years if kept in their original packaging.) ■ The ink cartridge was in your machine over six months. ■ The ink cartridge may not have been stored correctly before use.
	Try using the recommended types of paper. (See *Acceptable paper and other print media* on page 17.)
	The recommended environment for your machine is between 20° C to 33° C.

Downloaded from ManualsPrinter.com Manuals

Printing (continued)

Difficulty	Suggestions
White horizontal lines appear in text or graphics.	Clean the print head. (See *Cleaning the print head* on page 165.)
	Make sure you are using Brother Original Innobella™ Ink.
	Try using the recommended types of paper. (See *Acceptable paper and other print media* on page 17.)
The machine prints blank pages.	Clean the print head. (See *Cleaning the print head* on page 165.)
	Make sure you are using Brother Original Innobella™ Ink.
Characters and lines are stacked.	Check the printing alignment. (See *Checking the print alignment* on page 167.)
Printed text or images are skewed.	Make sure the paper is loaded correctly in the paper tray and the paper side guides are adjusted correctly. (See *Loading paper and other print media* on page 10.)
	Make sure the Jam Clear Cover is closed correctly.
Smudged stain at the top centre of the printed page.	Make sure the paper is not too thick or curled. (See *Acceptable paper and other print media* on page 17.)
Smudged stain at the right or left corner of the printed page.	Make sure the paper is not curled when you print on the back side of the paper with the **Print Odd Pages** and **Print Even Pages** settings.
Printing appears dirty or ink seems to run.	Make sure you are using the recommended types of paper. (See *Acceptable paper and other print media* on page 17.) Don't handle the paper until the ink is dry.
	Make sure you are using Brother Original Innobella™ Ink.
	If you are using photo paper, make sure that you have set the correct paper type. If you are printing a photo from your PC, set the **Media Type** in the **Basic** tab of the printer driver.
Stains appear on the reverse side or at the bottom of the page.	Make sure the printer platen is not dirty with ink. (See *Cleaning the machine's printer platen* on page 164.)
	Make sure you are using the paper support flap. (See *Loading paper and other print media* on page 10.)
	Make sure you are using Brother Original Innobella™ Ink.
The machine prints dense lines on the page.	Check **Reverse Order** in the **Basic** tab of the printer driver.
The printouts are wrinkled.	In the printer driver **Advanced** tab, click **Colour Settings**, and uncheck **Bi-Directional Printing** for Windows® or **Bi-Directional Printing** for Macintosh®.
	Make sure you are using Brother Original Innobella™ Ink.
Cannot perform 'Page Layout' printing.	Check that the paper size setting in the application and in the printer driver are the same.
Print speed is too slow.	Try changing the printer driver setting. The highest resolution needs longer data processing, sending and printing time. Try the other quality settings in the printer driver **Advanced** tab. Also, click **Colour Settings**, and make sure you uncheck **Colour Enhancement**.
	Turn the borderless feature off. Borderless printing is slower than normal printing. (See *Printing* for Windows® or *Printing and Faxing* for Macintosh® in the Software User's Guide on the CD-ROM.)
Colour Enhancement is not working correctly.	If the image data is not full colour in your application (such as 256 colour), Colour Enhancement will not work. Use at least 24 bit colour data with the Colour Enhancement feature.

Downloaded from ManualsPrinter.com Manuals

Printing (continued)

Difficulty	Suggestions
Photo paper does not feed properly.	When you print on Brother photo paper, make sure you always load one additional sheet of photo paper first before loading the paper you want to print on.
	Clean the paper pick-up roller. (See *Cleaning the paper pick-up roller* on page 165.)
Photo paper does not feed properly.	When you print on Brother Photo paper, load one extra sheet of the same photo paper in the paper tray. An extra sheet has been included in the paper package for this purpose.
	Clean the paper pick-up roller. (See *Cleaning the paper pick-up roller* on page 165.)
Machine feeds multiple pages.	Make sure the paper is loaded correctly in the paper tray. (See *Loading paper and other print media* on page 10.)
	Check that more than two types of paper are not loaded in the paper tray at any one time.
Printed pages are not stacked neatly.	Make sure you are using the paper support flap. (See *Loading paper and other print media* on page 10.)

Printing Received Faxes

Difficulty	Suggestions
Condensed print and white streaks across the page or the top and bottom of sentences are cut off.	You probably had a bad connection, with static or interference on the telephone line. Ask the other party to send the fax again.
Vertical black lines when receiving.	The sender's scanner may be dirty. Ask the sender to make a copy to see if the problem is with the sending machine. Try receiving from another fax machine.
Received colour fax prints only in black and white.	Replace the colour ink cartridges that are empty or nearly empty, and then ask the other person to send the colour fax again. (See *Replacing the ink cartridges* on page 160.)
Left and Right margins are cut off or a single page is printed on two pages.	Turn on Auto Reduction. (See *Printing a reduced incoming fax* on page 53.)

Telephone Line or Connections

Difficulty	Suggestions
Dialling does not work. (No dial tone)	Make sure the machine is plugged in and not in Power Save mode.
	Check the line cord connections.
	(Not available in New Zealand) Change the Tone/Pulse setting. (See the *Quick Setup Guide*.)
	Lift the external telephone's handset, (or the machine's handset or cordless handset if available), and then dial the number to send a manual fax. Wait to hear fax receiving tones before pressing **Mono Start** or **Colour Start**.
The machine does not answer when called.	Make sure the machine is in the correct receiving mode for your setup. (See *Choose the Receive Mode* on page 43.) Check for a dial tone. If possible, call your machine to hear it answer. If there is still no answer, check the telephone line cord connection. If there is no ringing when you call your machine, ask your telephone company to check the line.

Downloaded from ManualsPrinter.com Manuals

Receiving Faxes

Difficulty	Suggestions
Cannot receive a fax.	Check all line cord connections.
	Make sure the machine is in the correct receiving mode for your setup. (See *Receive mode settings* on page 46.)
	If you often have interference on the telephone line, try changing the menu setting of Compatibility to `Basic(for VoIP)`. (See *Telephone line interference* on page 149.)

Sending Faxes

Difficulty	Suggestions
Cannot send a fax.	Check all line cord connections.
	Make sure that the Fax key is illuminated. (See *Entering Fax mode* on page 34.)
	Ask the other party to check that the receiving machine has paper.
	Print the Transmission Verification Report and check for an error. (See *Reports* on page 84.)
Transmission Verification Report says 'Result:ERROR'.	There is probably temporary noise or static on the line. Try sending the fax again. If you send a PC FAX message and get 'Result:ERROR' on the Transmission Verification Report, your machine may be out of memory. To gain extra memory, you can turn off Memory Receive (see *Turning off Memory Receive Operations* on page 50), print fax messages in memory (see *Printing a fax from the memory* on page 54) or cancel a Delayed Fax or Polling Job (see *Cancelling a fax in progress* on page 36 or *Checking and cancelling waiting jobs* on page 40). If the problem continues, ask the telephone company to check your telephone line.
	If you often get transmission errors due to possible interference on the telephone line, try changing the menu setting of Compatibility to `Basic(for VoIP)`. (See *Telephone line interference* on page 149.)
Poor fax send quality.	Try changing your resolution to `Fine` or `S.Fine`. Make a copy to check your machine's scanner operation. If the copy quality is not good, clean the scanner. (See *Cleaning the scanner glass* on page 164.)
Vertical black lines when sending.	Black vertical lines on faxes you send are typically caused by dirt or correction fluid on the glass strip. Clean the glass strip. (See *Cleaning the scanner glass* on page 164.)

Downloaded from ManualsPrinter.com Manuals

Handling Incoming Calls

Difficulty	Suggestions
The machine 'Hears' a voice as a CNG Tone.	If Fax Detect is set to On, your machine is more sensitive to sounds. It may mistakenly interpret certain voices or music on the line as a fax machine calling and respond with fax receiving tones. Deactivate the machine by pressing **Stop/Exit**. Try avoiding this problem by turning Fax Detect to Off. (See *Fax Detect* on page 47.)
Sending a fax call to the machine.	If you answered on an external or extension telephone, press your Remote Activation Code (the factory setting is ✳ **5 1** (✳ **9 1** for New Zealand)). When your machine answers, hang up.
Custom features on a single line.	If you have Call Waiting, Call Waiting/Caller ID, an alarm system or other custom feature on a single telephone line with your machine, it may create a problem sending or receiving faxes. **For example:** If you subscribe to Call Waiting or some other custom service and its signal comes through the line while your machine is sending or receiving a fax, the signal can temporarily interrupt or disrupt the faxes. Brother's ECM (Error Correction Mode) feature should help overcome this problem. This condition is related to the telephone system industry and is common to all devices that send and receive information on a single, shared line with custom features. If avoiding a slight interruption is crucial to your business, a separate telephone line with no custom features is recommended.

Copying Difficulties

Difficulty	Suggestions
Cannot make a copy.	Make sure that the Copy key is illuminated. (See *Entering Copy mode* on page 90.)
Poor copy results when using the ADF.	Try using the scanner glass. (See *Using the scanner glass* on page 21.)
Vertical black lines or streaks appear in copies.	Vertical black lines or streaks on copies are typically caused by dirt or correction fluid on the glass strip. Clean the glass strip. (See *Cleaning the scanner glass* on page 164.)
Fit to Page does not work properly.	Make sure the document is not skewed on the scanner glass.

Scanning Difficulties

Difficulty	Suggestions
TWAIN/WIA errors appear when starting to scan.	Make sure the Brother TWAIN/WIA driver is chosen as the primary source. In PaperPort™ 11SE with OCR, click **File**, **Scan or Get Photo** and click **Select** to choose the Brother TWAIN/WIA driver.
	(Hong Kong users only) Make sure the Brother TWAIN/WIA driver is chosen as the primary source. In Presto!® PageManager® with OCR, click **File**, **Select Source** and choose the Brother TWAIN/WIA driver.
Poor scanning results when using the ADF.	Try using the scanner glass. (See *Using the scanner glass* on page 21.)
OCR does not work.	Try increasing the scanner resolution.

Downloaded from ManualsPrinter.com Manuals

Software Difficulties

Difficulty	Suggestions
Cannot install software or print.	Run the **Repair MFL-Pro Suite** program on the CD-ROM. This program will repair and reinstall the software.
'Device Busy'	Make sure the machine is not showing an error message on the LCD.
Cannot print images from FaceFilter Studio.	To use FaceFilter Studio, you must install the FaceFilter Studio application from the CD-ROM supplied with your machine. To install FaceFilter Studio see the *Quick Setup Guide*. Also, before you start FaceFilter Studio for the first time, you must make sure your Brother machine is turned On, and connected to your computer. This will allow you to access all the functions of FaceFilter Studio.

PhotoCapture Center™ Difficulties

Difficulty	Suggestions
Removable Disk does not work correctly.	1 Have you installed the Windows® 2000 update? If not, do the following: 1) Unplug the USB cable. 2) Install the Windows® 2000 update using one of the following methods. ■ Install MFL-Pro Suite from the CD-ROM. (See the *Quick Setup Guide*.) ■ Download the latest service pack from the Microsoft Web site. 3) Wait about 1 minute after you restart the PC, and then connect the USB cable. 2 Take out the memory card or USB Flash memory drive and put it back in again. 3 If you have tried 'Eject' from within Windows®, take out the memory card or USB Flash memory drive before you continue. 4 If an error message appears when you try to eject the memory card or USB Flash memory drive, it means the card is being accessed. Wait a while and then try again. 5 If all of the above do not work, turn off your PC and machine, and then turn them on again. (You will have to unplug the power cord of the machine to turn it off.)
Cannot access Removable Disk from Desktop icon.	Make sure that you have correctly inserted the memory card or USB Flash memory drive.
Part of my photo is missing.	Make sure that Borderless Printing and Cropping are turned off. (See *Borderless printing* on page 111 and *Cropping* on page 111.)

Downloaded from ManualsPrinter.com Manuals

Network Difficulties

Difficulty	Suggestions
Cannot print over the Network.	Make sure that your machine is powered on and is online and in Ready mode. Print a Network Configuration list (see *Reports* on page 84.) and check the current Network settings printed in this list. Reconnect the LAN cable to the hub to verify that the cabling and network connections are good. If possible, try connecting the machine to a different port on your hub using a different cable. If the connections are good, the machine shows `LAN Active` for 2 seconds. (If you are having Network problems, see the Network User's Guide for more information.)
The network scanning feature does not work. The network PC-Fax Receive feature does not work.	(For Windows® users only) Firewall settings on your PC may be rejecting the necessary network connection. Follow the instructions below to configure the Firewall. If you are using personal Firewall software, see the User's Guide for your software or contact the software manufacturer. For Windows® XP SP2 and Windows Vista® users, see *Firewall settings* in the Software User's Guide on the CD-ROM. For Windows® XP SP1 user's, please visit the Brother Solutions Center: (http://solutions.brother.com)
Your computer cannot find your machine.	<Windows® users> Firewall settings on your PC may be rejecting the necessary network connection. For detail, see the instruction above. <Macintosh® users> Re-select your machine in the **Device Selector** application located in **Macintosh HD/Library/Printers/Brother/Utilities/DeviceSelector** or from the model list in ControlCenter2.

Touchscreen Difficulties

Difficulty	Suggestions
The dial pad does not work when entering numbers or characters.	Use the touchscreen buttons to enter information.

Downloaded from ManualsPrinter.com Manuals

Dial Tone detection

When you send a fax automatically, by default your machine will wait for a fixed amount of time before it starts to dial the number. By changing the Dial Tone setting to `Detection` you can make your machine dial as soon as it detects a dial tone. This setting can save a small amount of time when sending a fax to many different numbers. If you change the setting and start having problems with dialling you should change back to the factory `No Detection` setting.

1. Press `MENU`.
2. Press ▲ or ▼ to display `Initial Setup`.
3. Press `Initial Setup`.
4. Press ▲ or ▼ to display `Dial Tone`.
5. Press `Dial Tone`.
6. Press `Detection` or `No Detection`.
7. Press **Stop/Exit**.

Telephone line interference

If you are having problems sending or receiving a fax due to possible interference on the telephone line, you can change the compatibility setting, which reduces the modem speed to minimise errors.

1. Press `MENU`.
2. Press ▲ or ▼ to display `Fax`.
3. Press `Fax`.
4. Press ▲ or ▼ to display `Miscellaneous`.
5. Press `Miscellaneous`.
6. Press ▲ or ▼ to display `Compatibility`.
7. Press `Compatibility`.
8. Press `High`, `Normal` or `Basic(for VoIP)`.
   - `Basic(for VoIP)` cuts the modem speed to 9600 bps. Unless interference is a recurring problem on your telephone line, you may prefer to use it only when needed.
   - `Normal` sets the modem speed at 14400 bps.
   - `High` increases the modem speed to 33600 bps. (factory setting)
9. Press **Stop/Exit**.

Note

When you change the compatibility to `Basic(for VoIP)`, the ECM feature is only available for colour fax sending.

Downloaded from ManualsPrinter.com Manuals

Error and Maintenance messages

As with any sophisticated office product, errors may occur and consumable items may need to be replaced. If this happens, your machine identifies the error and shows an error message. The most common error and maintenance messages are shown below.

You can correct most errors and routine maintenance by yourself. If you need more help, the Brother Solutions Center offers the latest FAQs and troubleshooting tips.

Visit us at http://solutions.brother.com.

Error Message	Cause	Action
B&W Print Only	One or more of the colour ink cartridges is empty. While this message appears on the LCD, each operation works in the following way: ■ Printing If you click **Greyscale** in the Advanced tab of the printer driver you can use the machine as a monochrome printer for approximately four weeks depending on the number of pages you print. ■ Copying If the paper type is set to Plain Paper or Inkjet Paper you can make copies in monochrome. ■ Faxing If the paper type is set to Plain Paper or Inkjet Paper the machine will receive and print the faxes in monochrome. If a sending machine has a colour fax, the machine's handshake will ask that the fax be sent as monochrome. If the paper type is set to Other Glossy or Brother BP71, the machine will stop all print operations. If you unplug the machine, or take out the empty ink cartridge, you cannot use the machine until you change to a new ink cartridge. Replace the empty ink cartridges. (See *Replacing the ink cartridges* on page 160.)	Replace the empty ink cartridges. (See *Replacing the ink cartridges* on page 160.)

Downloaded from ManualsPrinter.com Manuals

Error Message	Cause	Action
Cannot Detect	You installed a new ink cartridge too quickly and the machine did not detect it.	Take out the new ink cartridge and re-install it slowly until it clicks.
	If you are using non Brother Original ink the machine may not detect the ink cartridge.	Replace the cartridge with a Brother Original ink cartridge. If the error message remains, contact your Brother dealer.
	An ink cartridge is not installed properly.	Take out the new ink cartridge and re-install it slowly until it clicks.
Cannot Print	One or more of the ink cartridges are empty. The machine will stop all print operations. While memory is available, black and white faxes will be stored in the memory. If a sending machine has a colour fax, the machine's 'handshake' will ask that the fax be sent as black and white. If the sending machine has the ability to convert it, the colour fax will be stored in the memory as a black and white fax.	Replace the empty ink cartridges. (See *Replacing the ink cartridges* on page 160.)
Comm.Error	Poor telephone line quality caused a communication error.	If the problem continues, call the telephone company and ask them to check your telephone line.
Connection Fail	You tried to poll a fax machine that is not in Polled Waiting mode.	Check the other fax machine's polling setup.
Cover is Open.	The scanner cover is not closed completely.	Lift the scanner cover and then close it again.
	The ink cartridge cover is not completely closed.	Firmly close the ink cartridge cover until it clicks.
Data Remaining	Print data is left in the machine's memory.	Press **Stop/Exit**. The machine will cancel the job and clear it from the memory. Try to print again.
Disconnected	The other person or other person's fax machine stopped the call.	Try to send or receive again.
Document Jam	The document was not inserted or fed correctly, or the document scanned from the ADF was too long.	See *Using the ADF* on page 21. See *Document jam* on page 157.
File size is too large	The file you sent is too large for printing with *Bluetooth*® wireless technology.	Make your file smaller than 3 MB.
High Temperature	The print head is too warm.	Allow the machine to cool down.
Hub is Unusable.	A Hub or USB Flash memory drive with Hub has been connected to the USB direct interface.	A Hub or USB Flash memory drive with Hub are not supported. Unplug the device from the USB direct interface.

Downloaded from ManualsPrinter.com Manuals

Error Message	Cause	Action
Image Too Long.	The proportions of your photo are irregular so effects could not be added.	Choose a regularly proportioned image.
Image Too Small.	The size of your photo is too small to trim.	Choose a larger image.
Ink low	One or more of the ink cartridges are running out of ink. If a sending machine has a colour fax to send, your machine's 'handshake' will ask that the fax be sent as black and white. If the sending machine has the ability to convert it, the colour fax will be printed at your machine as a black and white fax.	Order a new ink cartridge.
Low Temperature	The print head is too cold.	Allow the machine to warm up.
Media Error	The memory card is either corrupted, incorrectly formatted, or there is a problem with the memory card.	Put the card firmly into the slot again to make sure it is in the correct position. If the error remains, check the media drive (slot) of the machine by putting in another memory card that you know is working.
Media is Full.	The memory card or USB flash memory drive you are using already contains 999 files.	Your machine can only save to your memory card or USB flash memory drive if it contains less than 999 files. Try deleting unused files to free some space and try again.
No Caller ID	There is no incoming call history. You did not receive calls or you have not subscribed to the Caller ID service from your telephone company.	If you want to use the Caller ID feature call your telephone company. (See *Caller ID* on page 62.) (See *Caller ID* on page 64.) (See *Caller ID (For Singapore and Hong Kong)* on page 66.)
No Cartridge	An ink cartridge is not installed correctly.	Take out the new ink cartridge and re-install it slowly until it clicks. (See *Replacing the ink cartridges* on page 160.)
No File	The memory card or USB Flash memory drive in the media drive does not contain a .JPG file.	Put the correct memory card or USB Flash memory drive into the slot again.

Downloaded from ManualsPrinter.com Manuals

Error Message	Cause	Action
No Paper Fed	The machine is out of paper or paper is not properly loaded in the paper tray, or the Jam Clear Cover is not closed properly.	Do one of the following: ■ Refill the paper in the paper tray, and then press **Mono Start** or **Colour Start**. ■ Remove the paper and load it again and then press **Mono Start** or **Colour Start**. Close the Jam Clear Cover properly.
	The paper is jammed in the machine.	See *Printer jam or paper jam* on page 158.
	The Jam Clear Cover is not closed properly.	Check the Jam Clear Cover is closed evenly at both ends. (See *Printer jam or paper jam* on page 158.)
No Response/Busy	The number you dialled does not answer or is busy.	Verify the number and try again.
Not Registered	You tried to access a Speed Dial number that is not programmed.	Set up the Speed Dial number. (See *Storing Speed Dial numbers* on page 72.)
Out of Memory	The machine's memory is full.	**Fax sending or copy operation in progress** Do one of the following: ■ Press **Stop/Exit** and wait until the other operations in progress finish and then try again. ■ Clear the data in the memory. To gain extra memory, you can turn off Memory Receive. (See *Turning off Memory Receive Operations* on page 50.) ■ Print the faxes that are in the memory. (See *Printing a fax from the memory* on page 54.)
	The memory card or USB flash memory drive you are using does not have enough free space to scan the documents.	Delete unused files from your memory card or USB Flash memory drive to make some free space and then try again.
Paper Jam	Paper is jammed in the machine.	Open the Jam Clear Cover (at the back of the machine) and pull out the jammed paper by following steps in *Printer jam or paper jam* on page 158.
		Make sure the paper length guide is fit to the paper size. Do not extend the paper tray when you load A5 or smaller size paper.
Touchscreen initialization failed	The Touchscreen has been pressed before the power on initialisation has completed.	Make sure that there is nothing resting on or touching the Touchscreen.

Downloaded from ManualsPrinter.com Manuals

Error Message	Cause	Action
Unable to Clean XX Unable to Init. XX Unable to Print XX Unable to Scan XX Unable to use Phone XX	The machine has a mechanical problem. **—OR—** A foreign object such as a clip or ripped paper is in the machine.	Open the scanner cover and remove any foreign objects inside the machine. If the error message continues, disconnect the machine from the power for several minutes, then reconnect it. (The machine can be turned off for approximately 24 hours without losing faxes stored in the memory. See *Transferring your faxes or Fax Journal report* on page 155.)
Unable to Clean 46 Unable to Init. 46 Unable to Print 46	Internal servicing required.	Call your Brother dealer.
Unusable Device Disconnect device from front connector & turn machine off & then on	A broken device has been connected to the USB direct interface.	Unplug the device from the USB direct interface, then press **Power Save** to turn the machine off and then on again.
Unusable Device Please Disconnect USB Device.	A USB device or USB Flash memory drive that is not supported has been connected to the USB direct interface. For more information, visit us at http://solutions.brother.com.	Unplug the device from the USB direct interface.
Unsupported file type	The file you sent has an unsupported file extension for printing with *Bluetooth*® wireless technology.	Send a suppported file type, with a JPG extension.
Wrong Paper Size	Paper is not the correct size.	Check that the machine's Paper Size setting matches the size of paper in the tray. (See *Paper Size* on page 26)

Downloaded from ManualsPrinter.com Manuals

Error animation

Error animations display step-by-step instructions when paper gets jammed. You can read the steps at your own pace by pressing ▶ to see the next step and ◀ to go backward. If you do not press a key after 1 minute the animation starts running automatically again.

Note

You can press ◀ or ▶ to pause the auto-animation and go back to step-by-step mode.

Transferring your faxes or Fax Journal report

If the LCD shows:

- `Unable to Clean XX`
- `Unable to Init. XX`
- `Unable to Print XX`
- `Unable to Scan XX`
- `Unable to use Phone XX`

We recommend transferring your faxes to another fax machine or to your PC. (See *Transferring faxes to another fax machine* on page 155 or *Transferring faxes to your PC* on page 156.)

You can also transfer the Fax Journal report to see if there are any faxes you need to transfer. (See *Transferring Fax Journal report to another fax machine* on page 156.)

Note

If there is an error message on the machine's LCD, after the faxes have been transferred, disconnect the machine from the power source for several minutes, and then reconnect it.

Transferring faxes to another fax machine

If you have not set up your Station ID, you cannot enter fax transfer mode. (See *Enter personal information (station ID)* in the Quick Setup Guide.)

1. Press **Stop/Exit** to interrupt the error temporarily.
2. Press `MENU`.
3. Press ▲ or ▼ to display `Service`.
4. Press `Service`.
5. Press `Data Transfer`.
6. Press `Fax Transfer`.
7. Do one of the following:
   - If the LCD shows `No Data`, there are no faxes left in the machine's memory.

     Press **Stop/Exit**.
   - Enter the fax number to which faxes will be forwarded.
8. Press **Mono Start**.

Downloaded from ManualsPrinter.com Manuals

Transferring faxes to your PC

You can transfer the faxes from your machine's memory to your PC.

1. Press **Stop/Exit** to interrupt the error temporarily.
2. Make sure you have installed **MFL-Pro Suite** on your PC, and then turn on **PC FAX Receiving** on the PC. (For details see *PC- FAX receiving* for Windows® in the Software User's Guide on the CD-ROM.)
3. Make sure you have set PC Fax Receive on the machine. (See *PC Fax Receive* on page 49.)
   If faxes are in the machine's memory when you set up PC Fax Receive, the LCD will ask if you want to transfer the faxes to your PC.
4. Do one of the following:
   - To transfer all faxes to your PC, press `Yes`. You will be asked if you want a backup print.
   - To exit and leave the faxes in the memory, press `No`.
5. Press **Stop/Exit**.

Transferring Fax Journal report to another fax machine

If you have not set up your Station ID, you cannot enter fax transfer mode. (See *Enter personal information (station ID)* in the Quick Setup Guide.)

1. Press **Stop/Exit** to interrupt the error temporarily.
2. Press `MENU`.
3. Press ▲ or ▼ to display `Service`.
4. Press `Service`.
5. Press `Data Transfer`.
6. Press `Report Trans.`
7. Enter the fax number to which the Fax Journal report will be forwarded.
8. Press **Mono Start**.

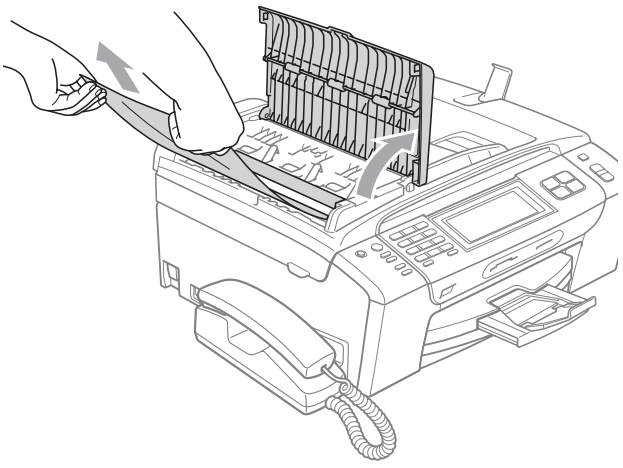
Downloaded from ManualsPrinter.com Manuals

Document jam

Documents can jam in the ADF unit if they are not inserted or fed properly, or if they are too long. Follow the steps below to clear a document jam.

Document is jammed in the top of the ADF unit

1. Take out any paper from the ADF that is not jammed.
2. Open the ADF cover.
3. Pull the jammed document up and to the left.



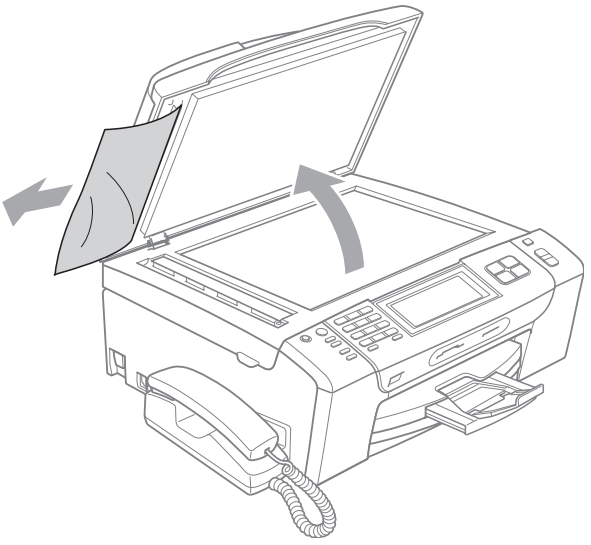
4. Close the ADF cover.
5. Press **Stop/Exit**.

Note

To avoid document jams close the ADF cover correctly by pushing it gently in the middle.

Document is jammed inside the ADF unit

1. Take out any paper from the ADF that is not jammed.
2. Lift the document cover.
3. Pull the jammed document out to the left.



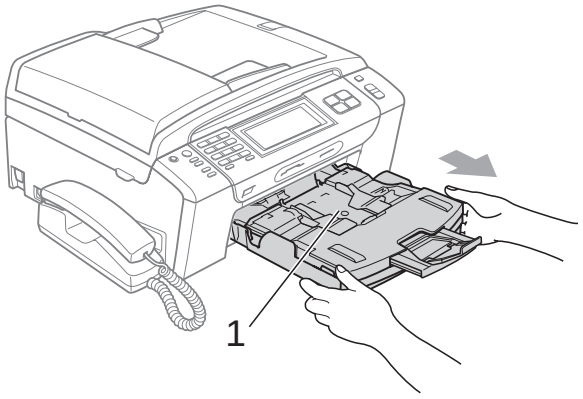
4. Close the document cover.
5. Press **Stop/Exit**.

Downloaded from ManualsPrinter.com Manuals

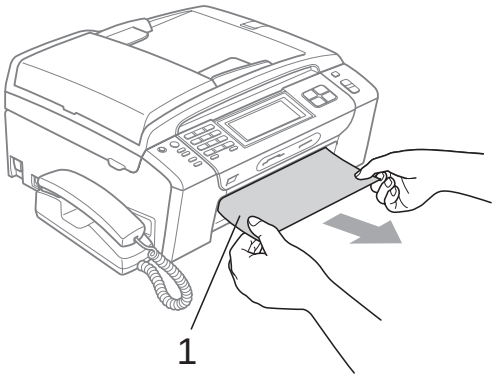
Printer jam or paper jam

Take out the jammed paper depending on where it is jammed in the machine.

1. Pull the paper tray (1) out of the machine.



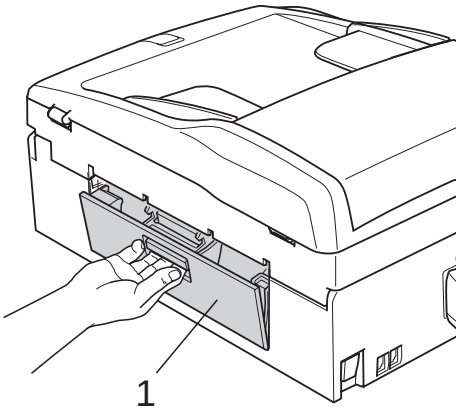
2. Pull out the jammed paper (1) and press **Stop/Exit**.

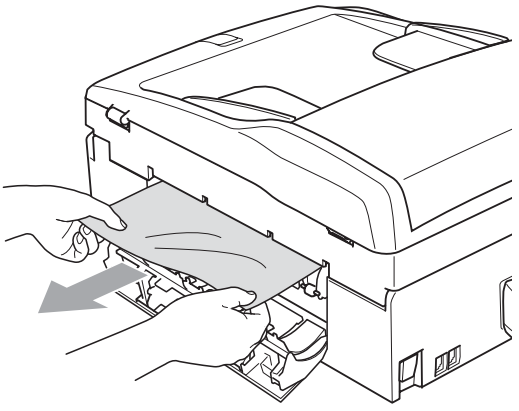


3. Reset the machine by lifting the scanner cover from the front of the machine and then closing it.

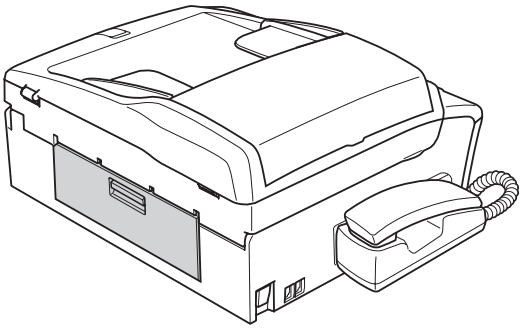
   - If you cannot remove the jammed paper from the front of the machine, or the error message still appears on the LCD after you have removed the jammed paper, please go to the next step.

4. Open the Jam Clear Cover (1) at the back of the machine. Pull the jammed paper out of the machine.



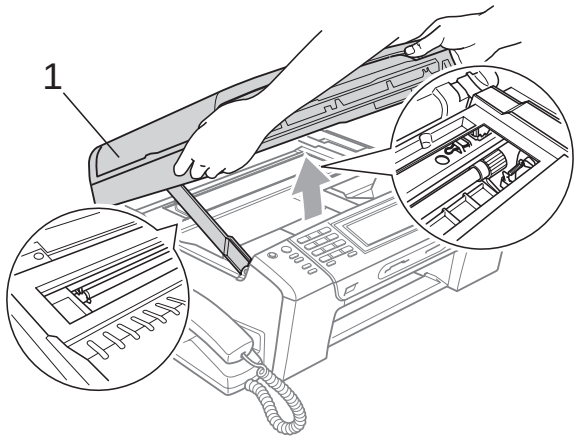


5. Close the Jam Clear Cover.
   Make sure the cover is closed properly.



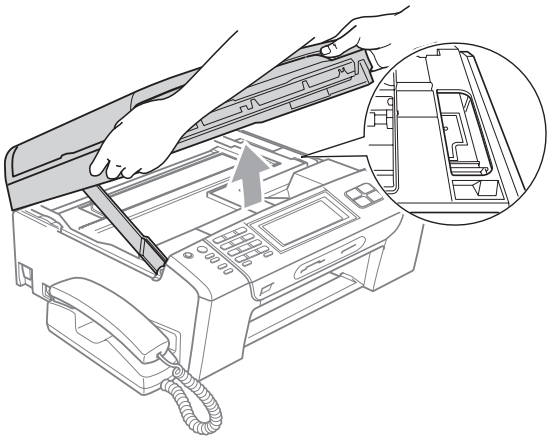
Downloaded from ManualsPrinter.com Manuals

6 Lift the scanner cover (1) from the front side of the machine until it locks securely into the open position. Make sure that there is no jammed paper left inside the machine.



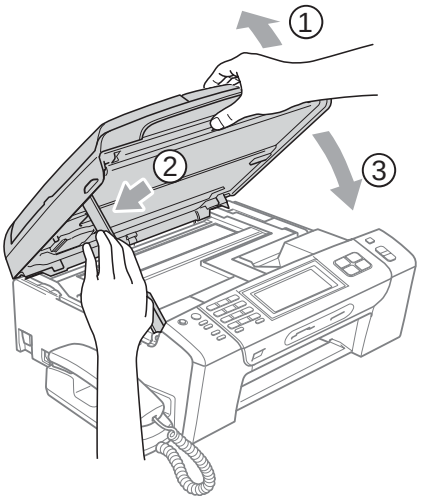
Note

- If the paper is jammed under the print head, unplug the machine from the power source, and then move the print head to take out the paper.
- If the print head is at the right corner as shown in the illustration, you cannot move the print head. Press **Stop/Exit** until the print head moves to the middle. Then unplug the machine from the power source, and take out the paper.



- If ink gets onto your skin, immediately wash it off with soap or detergent.

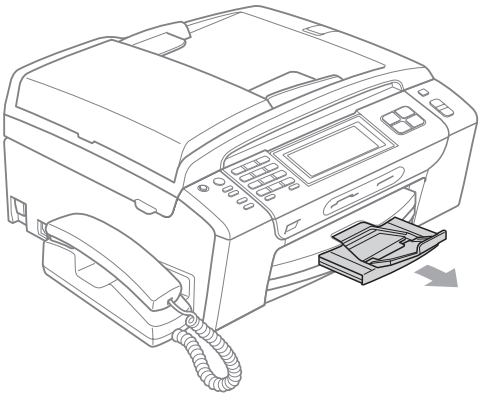
7 Lift the scanner cover to release the lock (1). Gently push the scanner cover support down (2) and close the scanner cover (3) using both hands.



8 Push the paper tray firmly back into the machine.

Note

Make sure you pull out the paper support until it clicks.



B

Downloaded from ManualsPrinter.com Manuals

Routine maintenance

Replacing the ink cartridges

Your machine is equipped with an ink dot counter. The ink dot counter automatically monitors the level of ink in each of the 4 cartridges. When the machine detects an ink cartridge is running out of ink, the machine will tell you with a message on the LCD.

Note

For example, when one of the ink cartridge is nearly empty, the LCD will display `Ink low` (name of colour).

You should purchase a replacement cartridge in preparation for when the machine indicates the colour is completely empty.

When one of the ink cartridge is empty, the LCD will display `Cannot Print` or `B&W Print Only`.

You should only replace the actual ink cartridge when this message `Cannot Print` or `B&W Print Only` appears on the LCD.

The LCD will tell you which ink cartridge is low or needs replacing. Be sure to follow the LCD prompts to replace the ink cartridges in the correct order.

Even though the machine tells you that an ink cartridge is empty, there will be a small amount of ink left in the ink cartridge. It is necessary to keep some ink in the ink cartridge to prevent air from drying out and damaging the print head assembly.

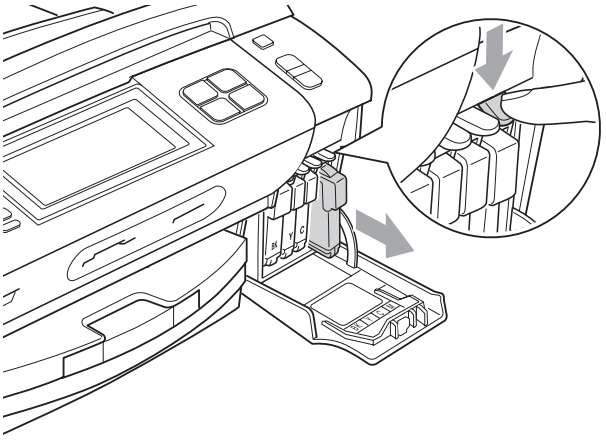
CAUTION

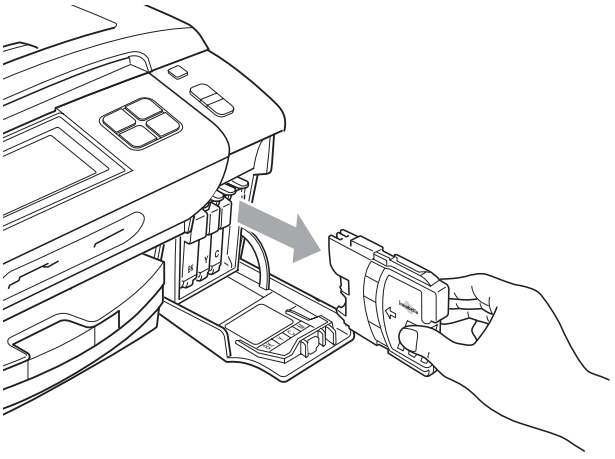
Brother multifunction machines are designed to work with ink of a particular specification and will work to a level of optimum performance and reliability when used with genuine Brother Branded ink cartridges. Brother cannot guarantee this optimum performance and reliability if ink or ink cartridges of other specifications are used. Brother does not therefore recommend the use of cartridges other than genuine Brother Branded cartridges or the refilling of empty cartridges with ink from other sources. If damage is caused to the print head or other parts of this machine as a result of using other brands of ink or ink cartridges, any repairs required as a result may not be covered by the warranty.

Downloaded from ManualsPrinter.com Manuals

1. Open the ink cartridge cover.
   If one or more ink cartridges are empty, for example Black, the LCD shows `B&W Print Only` or `Cannot Print`.

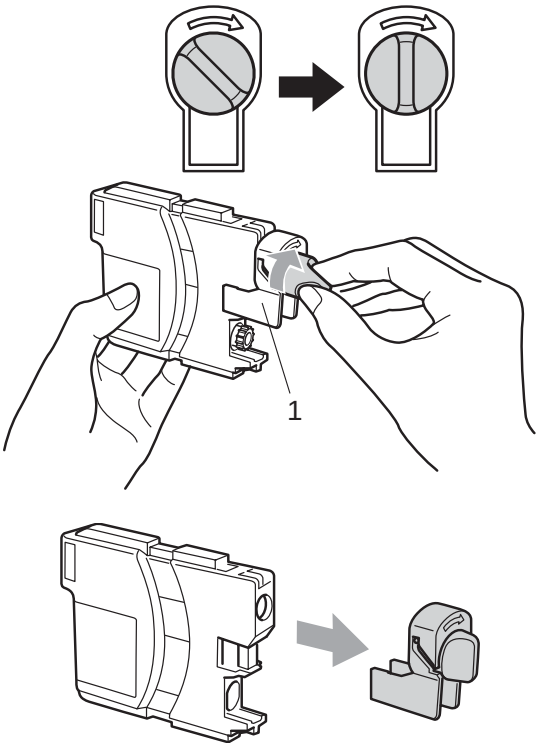
2. Press the lock release lever as shown to release the cartridge indicated on the LCD. Remove the cartridge from the machine.



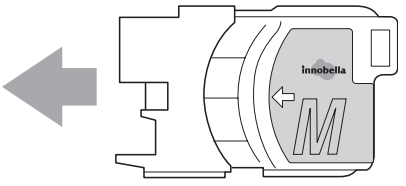


3. Open the new ink cartridge bag for the colour shown on the LCD, and then take out the ink cartridge.

4. Turn the green knob on the protective yellow cap clockwise until it clicks to release the vacuum seal, then remove the cap (1).

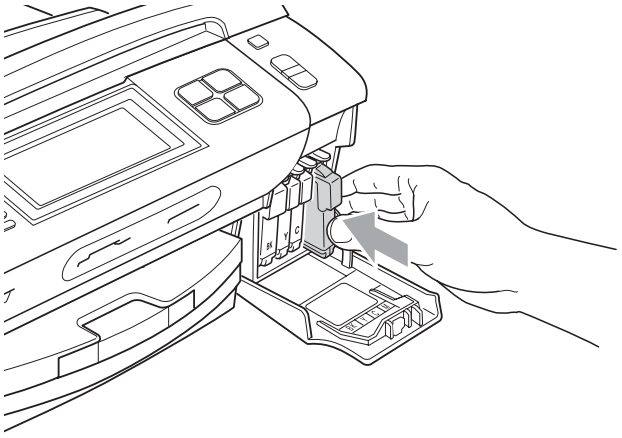


5. Each colour has its own correct position. Insert the ink cartridge in the direction of the arrow on the label.



Downloaded from ManualsPrinter.com Manuals

6 Gently push the ink cartridge in until it clicks, and then close the ink cartridge cover.



7 The machine will automatically reset the ink dot counter.

Note

- If you replaced an ink cartridge, the LCD may ask you to verify that it was a brand new one (for example, `Did You Change` BK `Black`). For each new cartridge you installed, press `Yes` to automatically reset the ink dot counter for that colour. If the ink cartridge you installed is not a brand new one, be sure to press `No`.
- If the LCD shows `No Cartridge` or `Cannot Detect` after you install the ink cartridges, check that the ink cartridges are installed correctly.

WARNING

If ink gets in your eyes, wash them out with water at once and call a doctor if you are concerned.

CAUTION

DO NOT take out ink cartridges if you do not need to replace them. If you do so, it may reduce the ink quantity and the machine will not know the quantity of ink left in the cartridge.

DO NOT touch the cartridge insertion slots. If you do so, the ink may stain your skin.

If ink gets on your skin or clothing immediately wash it off with soap or detergent.

If you mix the colours by installing an ink cartridge in the wrong position, clean the print head several times after correcting the cartridge installation.

Once you open an ink cartridge, install it in the machine and use it up within six months of installation. Use unopened ink cartridges by the expiration date written on the cartridge package.

DO NOT dismantle or tamper with the ink cartridge, this can cause the ink to leak out of the cartridge.

Downloaded from ManualsPrinter.com Manuals

Cleaning the outside of the machine

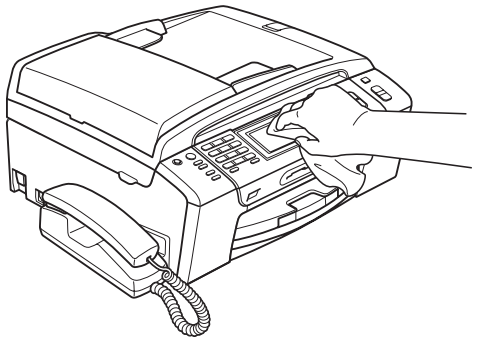
Clean the Touchscreen as follows:

CAUTION

Turn off the power switch when you clean the Touchscreen.

DO NOT use any type of liquid cleaners (including ethanol).

1. Clean the Touchscreen with a dry soft cloth.



Clean the outside of the machine as follows:

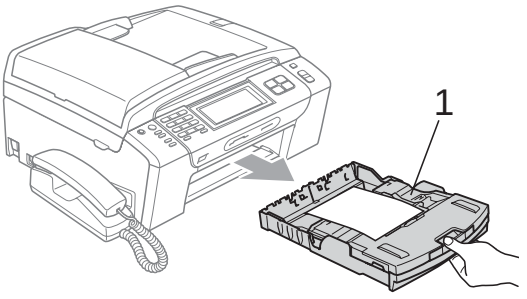
CAUTION

Use neutral detergents. Cleaning with volatile liquids such as thinner or benzine will damage the outside surface of the machine.

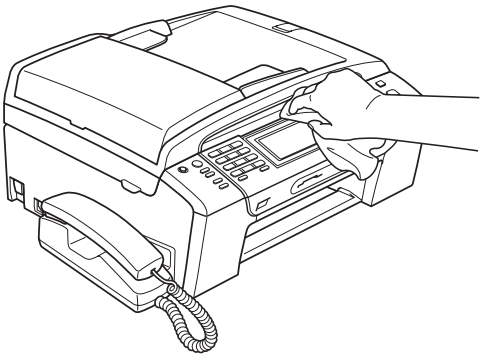
DO NOT use cleaning materials that contain ammonia.

DO NOT use isopropyl alcohol to remove dirt from the control panel. It may crack the panel.

1. Pull the paper tray (1) completely out of the machine.

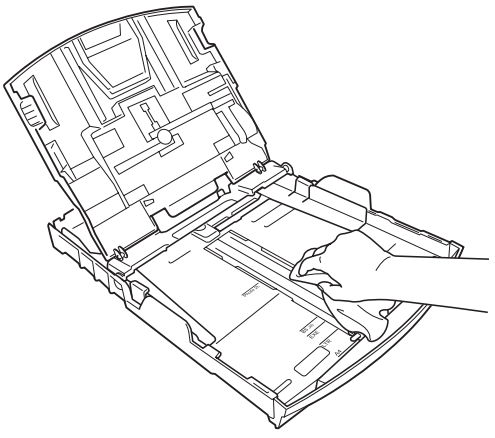


2. Wipe the outside of the machine with a soft cloth to remove dust.



3. Lift the output paper tray and remove anything that is stuck inside the paper tray.

4. Wipe the paper tray with a soft cloth to remove dust.



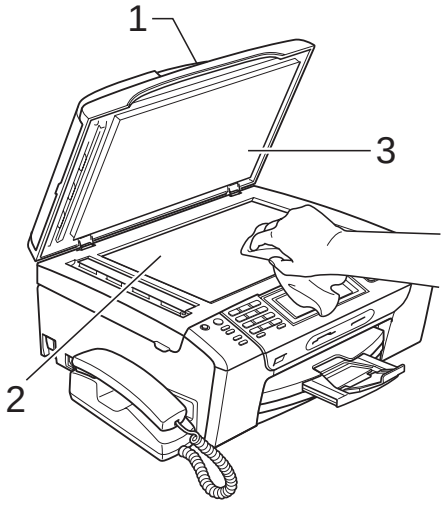
5. Close the output paper tray and put the paper tray firmly back in the machine.

B

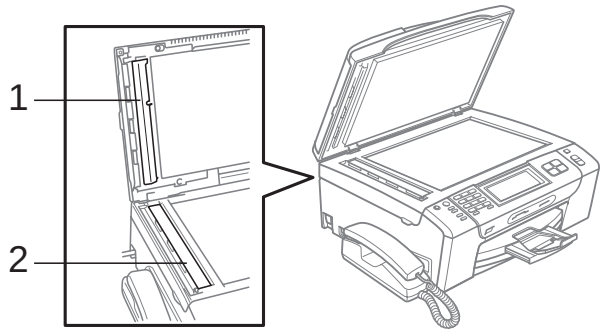
Downloaded from ManualsPrinter.com Manuals

Cleaning the scanner glass

1. Lift the document cover (1). Clean the scanner glass (2) and the white plastic (3) with a soft lint-free cloth moistened with a non-flammable glass cleaner.



2. In the ADF unit, clean the white bar (1) and the glass strip (2) with a lint-free cloth moistened with a non-flammable glass cleaner.



Note

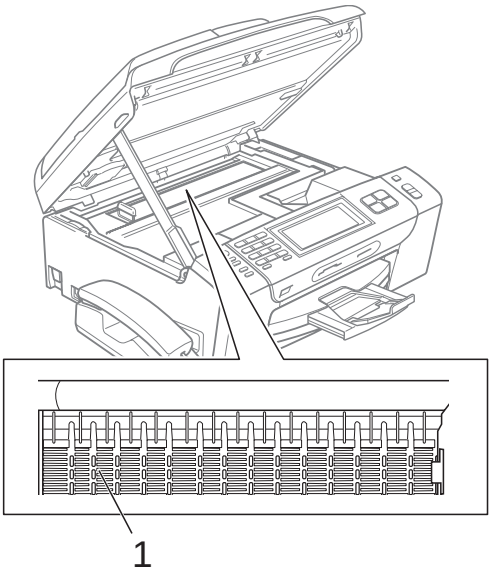
In addition to cleaning the glass strip with a non-flammable glass cleaner, run your finger tip over the glass strip to see if you can feel anything on it. If you feel dirt or debris, clean the glass strip again concentrating on that area. You may need to repeat the cleaning process three or four times. To test, make a copy after each cleaning.

Cleaning the machine's printer platen

WARNING

Be sure to unplug the machine from the electrical socket before cleaning the printer platen (1).

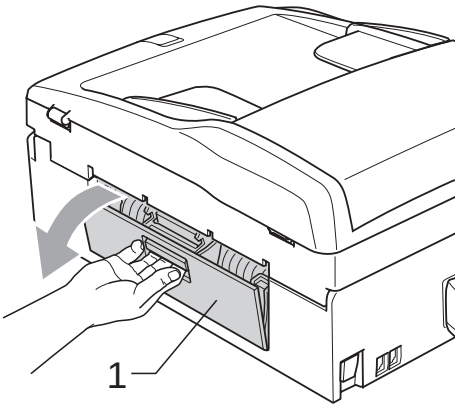
1. Lift the scanner cover until it locks securely into the open position.
2. Clean the machine's printer platen (1) and the area around it, wiping off any scattered ink with a soft, dry lint-free cloth.



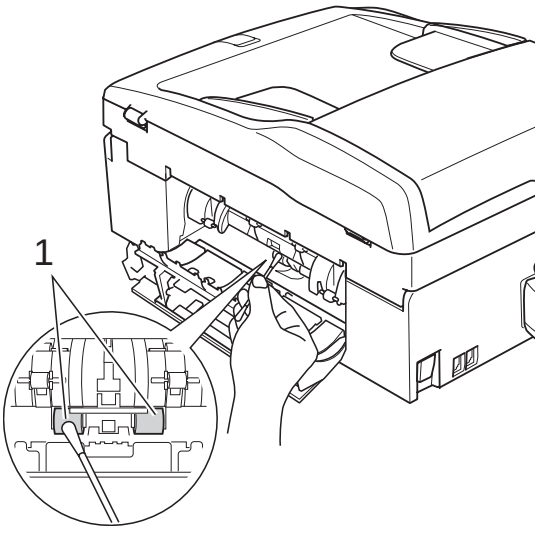
Downloaded from ManualsPrinter.com Manuals

Cleaning the paper pick-up roller

1. Pull the paper tray completely out of the machine.
2. Unplug the machine from the electrical socket and open the Jam Clear Cover (1) at the back of the machine.



3. Clean the Paper Pick-up Roller (1) with isopropyl alcohol on a cotton swab.



4. Close the Jam Clear Cover.
   Make sure the cover is closed correctly.
5. Put the paper tray firmly back in the machine.
6. Re-connect the power cord.

Cleaning the print head

To maintain print quality, the machine will automatically clean the print head. You can start the cleaning process manually if there is a print quality problem.

Clean the print head and ink cartridges if you get a horizontal line or blank text in the text or graphics on your printed pages. You can clean Black only, three colours at a time (Cyan/Yellow/Magenta), or all four colours at once.

Cleaning the print head consumes ink. Cleaning too often uses ink unnecessarily.

CAUTION

DO NOT touch the print head. Touching the print head may cause permanent damage and may void the print head's warranty.

1. Press .
2. Press `Cleaning`.
3. Press `Black`, `Color` or `All`.
   The machine cleans the print head. When cleaning is finished, the machine will go back to the Ready screen automatically.

Note

If you clean the print head at least five times and the print has not improved, try installing a new Brother original Innobella™ replacement cartridge for each problem colour. Try cleaning the print head again up to five more times. If the print has not improved call your Brother dealer.

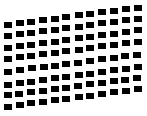
Downloaded from ManualsPrinter.com Manuals

Checking the print quality

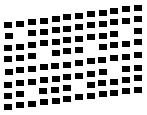
If faded or streaked colours and text appear on your output, some of the nozzles may be clogged. You can check this by printing the Print Quality Check Sheet and looking at the nozzle check pattern.

1. Press .
2. Press `Test Print`.
3. Press `Print Quality`.
4. Press **Colour Start**.
   The machine begins printing the Print Quality Check Sheet.
5. Check the quality of the four colour blocks on the sheet.
6. The LCD asks you if the print quality is OK.
   Do one of the following:
   - If all lines are clear and visible, press `Yes` to finish the Print Quality check and go to step ❿.
   - If you can see missing short lines as shown below, press `No` to choose `No`.

OK



Poor



7. The LCD asks you if the print quality is OK for black and three colours.
   Press `Yes` or `No`.
8. The LCD asks you if you want to start cleaning.
   Press **Colour Start**.
   The machine starts cleaning the print head.
9. After cleaning is finished, press **Colour Start**.
   The machine starts printing the Print Quality Check Sheet again and then return to step ❺.
10. Press **Stop/Exit**.
    If you repeat this procedure at least five times and the print quality is still poor, replace the ink cartridge for the clogged colour.
    After replacing the ink cartridge, check the print quality. If the problem still exists, repeat the cleaning and test print procedures at least five times for the new ink cartridge. If ink is still missing, call your Brother dealer.

CAUTION

DO NOT touch the print head. Touching the print head may cause permanent damage and may void the print head's warranty.

Note

When a print head nozzle is clogged the printed sample looks like this.

After the print head nozzle is cleaned, the horizontal lines are gone.

Downloaded from ManualsPrinter.com Manuals

Checking the print alignment

You may need to adjust the print alignment after transporting the machine, if your printed text becomes blurred or images become faded.

1. Press .
2. Press `Test Print`.
3. Press `Alignment`.
4. Press **Mono Start** or **Colour Start**. The machine starts printing the Alignment Check Sheet.
5. Check the 600 dpi and 1200 dpi test prints to see if number 5 most closely matches number 0.
6. Do one of the following:
   - If the number 5 samples of both the 600 dpi and 1200 dpi test prints are the best matches, press `Yes` to finish the Alignment Check and go to step 9.
   - If another test print number is a better match for either 600 dpi or 1200 dpi, press `No` to choose it.
7. For 600 dpi, press the number of the test print that most closely matches the number 0 sample (1-8).
8. For 1200 dpi, press the number of the test print that most closely matches the number 0 sample (1-8).
9. Press **Stop/Exit**.

Checking the ink volume

Although an ink volume icon appears on the LCD, you can use the ink menu to see a large graph showing the ink that is left in each cartridge.

1. Press .
2. Press `Ink Volume`.
   The LCD shows the ink volume.
3. Press **Stop/Exit**.

Note

You can check the ink volume from your computer. (See *Printing* for Windows® or *Printing and Faxing* for Macintosh® in the Software User's Guide on the CD-ROM.)

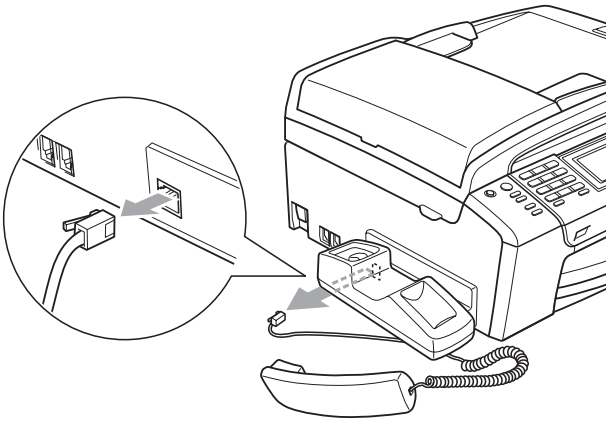
Downloaded from ManualsPrinter.com Manuals

Uninstalling and installing the handset and handset cradle (MFC-790CW only)

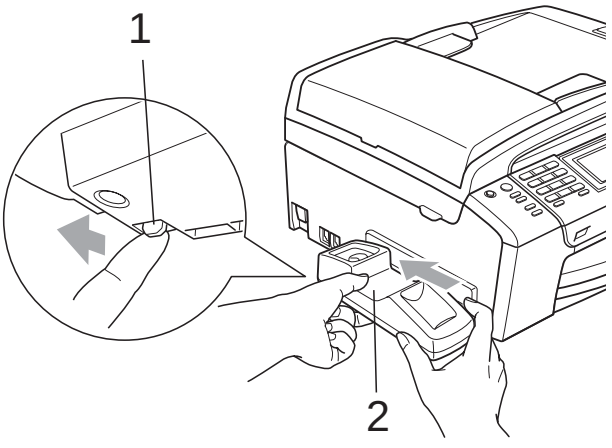
If you do not use the handset you can remove the handset and handset cradle.

Uninstalling the handset and handset cradle

1. Unplug the curled handset cord from the machine.



2. Pull the tab (1) back and hold it in position as you push the cradle (2) to the back of the machine.



3. Attach the side cover.

Installing the handset and handset cradle

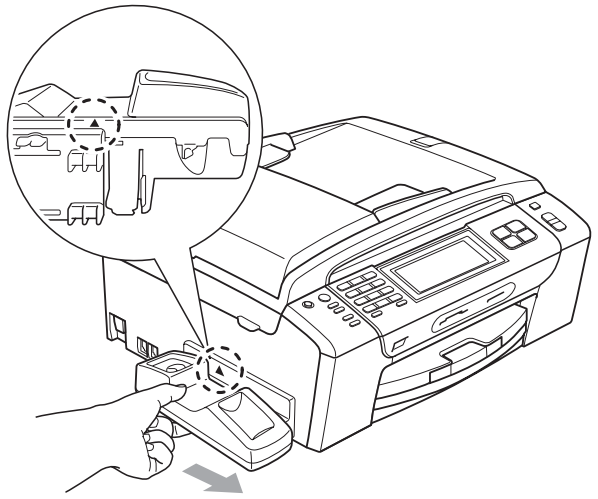
1. Remove the side cover.

Note

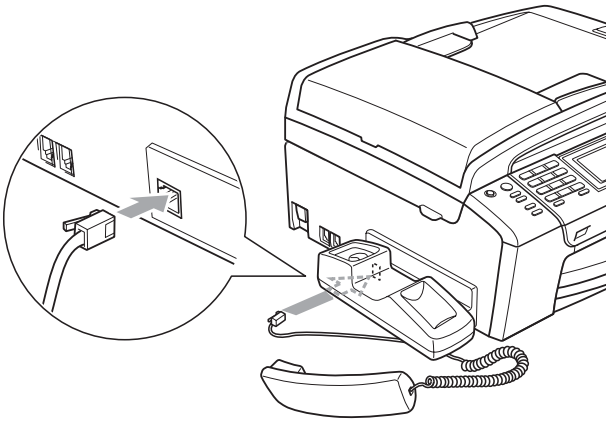
If you cannot open the cover with your hand, use a coin to open it.

Downloaded from ManualsPrinter.com Manuals

2 Align the recessed arrows on the cradle with those on the machine, and then slide the cradle toward the front of the machine until it clicks into place.



3 Connect the curled handset cord to the machine.



Machine Information

Checking the serial number

You can see the machine's serial number on the LCD.

1 Press MENU.

2 Press ▲ or ▼ to display Machine Info.

3 Press Machine Info.

4 Press **Stop/Exit**.

Downloaded from ManualsPrinter.com Manuals

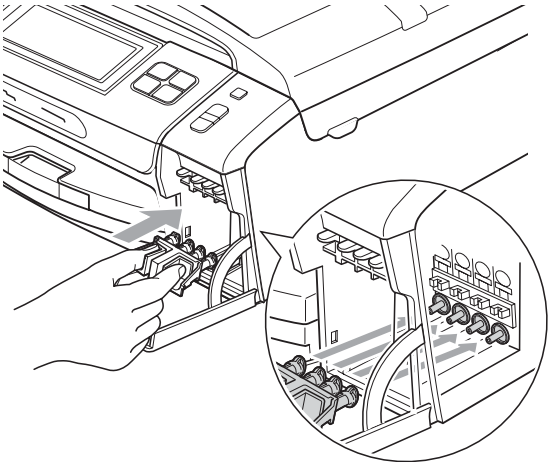
Packing and shipping the machine

When you transport the machine, use the packing materials that came with your machine. Follow the instructions below to properly pack your machine. Damage caused to your machine during transit is not covered by your warranty.

CAUTION

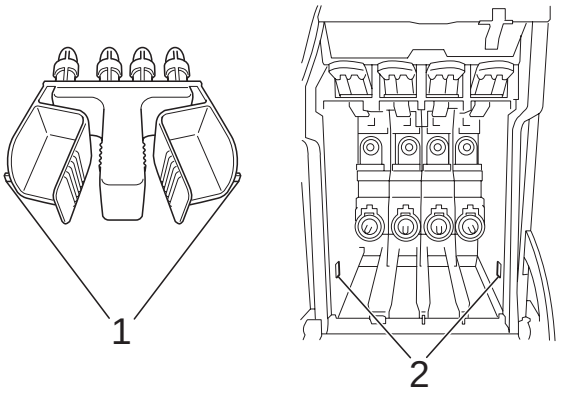
It is important to allow the machine to ‘park’ the print head after a print job. Listen carefully to the machine before unplugging it to make sure that all mechanical noise has stopped. Not allowing the machine to finish this parking process may lead to print problems and possible damage to the print head.

1. Open the ink cartridge cover.
2. Press the ink release lever to release the ink cartridge and take out the ink cartridges. (See *Replacing the ink cartridges* on page 160.)
3. Install the green protective part and then close the ink cartridge cover.



CAUTION

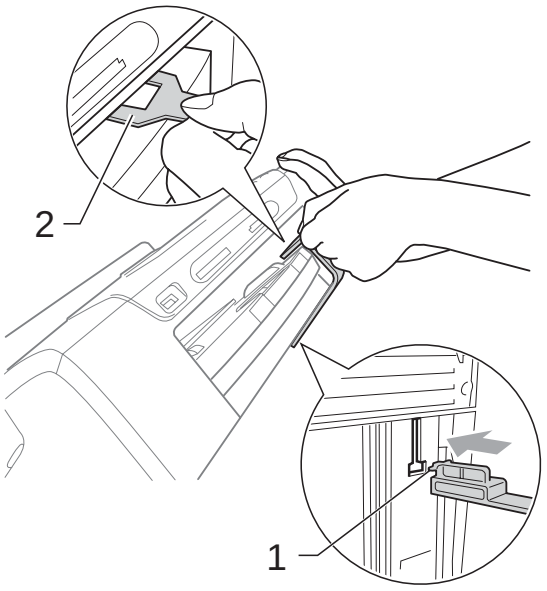
Make sure that the plastic tabs on both sides of the green protective part (1) have securely clicked into place (2).



If you are not able to find the green protective part, DO NOT remove the ink cartridges before shipping. It is essential that the machine be shipped with either the green protective part or the ink cartridges in position. Shipping without them will cause damage to your machine and may void your warranty. When travelling with the ink cartridges still in the machine please keep the machine upright as this will protect the machine from leakage.

Downloaded from ManualsPrinter.com Manuals

4 Lift the front of the machine and hook the long end (1) of the green protective part into the T-shaped hole underneath the machine. Push the forked end (2) onto the top of the paper tray.

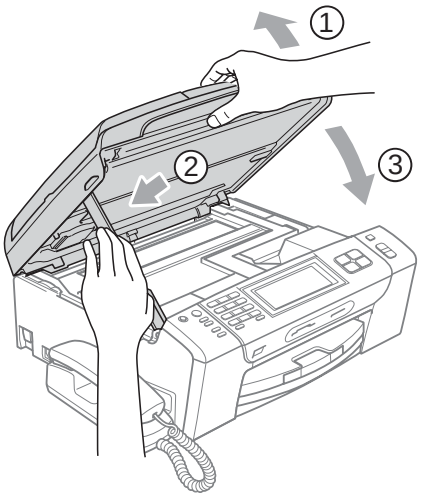


5 Unplug the machine from the telephone wall socket and take the telephone line cord out of the machine.

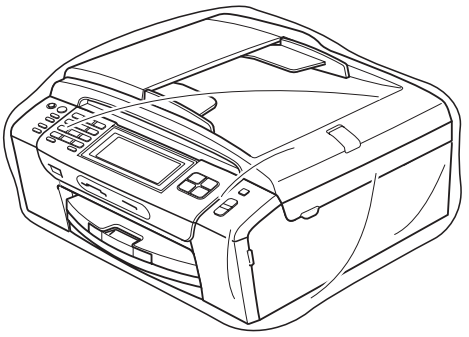
6 Unplug the machine from the electrical socket and from the machine.

7 Using both hands, use the plastic tabs on both sides of the machine to lift the scanner cover until it locks securely into the open position. Then unplug the interface cable from the machine, if it is connected.

8 Lift the scanner cover (1) to release the lock. Gently push the scanner cover support down (2) and close the scanner cover (3) using both hands.

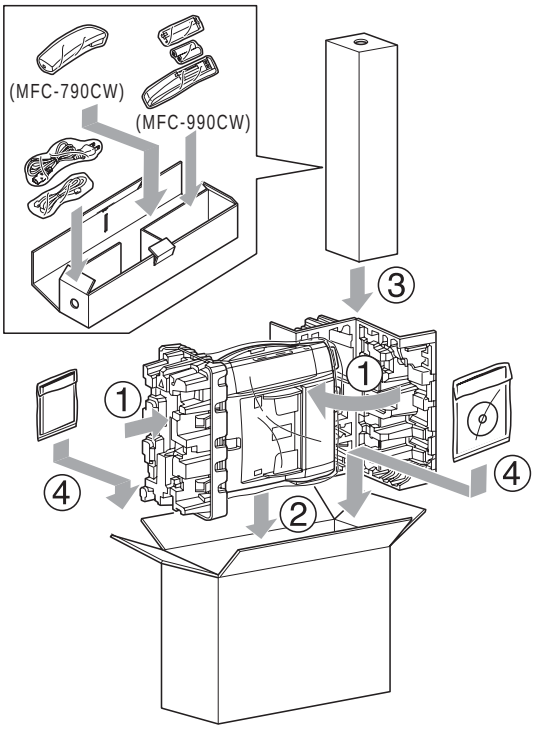


9 Wrap the machine in the bag.



Downloaded from ManualsPrinter.com Manuals

10 Pack the machine and the printed materials in the original carton with the original packing material as shown in the illustration.
Do not pack the used ink cartridges in the carton.



11 Close the carton and tape it shut.

Downloaded from ManualsPrinter.com Manuals

C Menu and Features

On-screen programming

Your machine is designed to be easy to operate with LCD on-screen programming using the menu buttons on the Touchscreen. User-friendly programming helps you take full advantage of all the menu selections your machine has to offer.

Since your programming is done on the LCD, we have created step-by-step on-screen instructions to help you program your machine. All you need to do is follow the instructions as they guide you through the menu selections and programming options.

Menu table

You can program your machine by using the Menu table that begins on page 174. These pages list the menu selections and options.

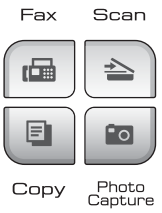
Memory storage

Even if there is a power failure, you will not lose the settings you have chosen using the Menu key because they are stored permanently. Also, you will not lose your settings in the PhotoCapture, Fax and Copy mode key menus if you have chosen `Set New Default`. You may have to reset the date and time.

Note

During a power failure the machine will retain messages that are in the memory for approximately 24 hours.

Mode and menu keys

	Access the main menu.
	Access each mode and its menu of temporary settings.
	Stop the current operation.

Downloaded from ManualsPrinter.com Manuals

Menu table

The menu table will help you understand the menu selections and options that are found in the machine's programs. The factory settings are shown in Bold with an asterisk.

MENU (MENU)

Level1	Level2	Level3	Options	Descriptions	Page
General Setup	**Mode Timer**	—	Off 0 Sec 30 Secs 1 Min **2 Mins*** 5 Mins	Sets the time to return to Fax mode.	25
	Paper Type	—	**Plain Paper*** Inkjet Paper Brother BP71 Other Glossy Transparency	Sets the type of paper in the paper tray.	25
	Paper Size	—	**A4*** A5 10x15cm Letter Legal	Sets the size of the paper in the paper tray.	26
	Volume	**Ring**	Off Low **Med*** High	Adjusts the ring volume.	26
		Beeper	Off **Low*** Med High	Adjusts the volume level of the beeper.	27
		Speaker	Off Low **Med*** High	Adjusts the volume level of the speaker.	27
	Daylight Save	—	**On*** Off	Changes for Daylight Savings Time manually.	28
	The factory settings are shown in Bold with an asterisk.				

Downloaded from ManualsPrinter.com Manuals

Level1	Level2	Level3	Options	Descriptions	Page
General Setup (Continued)	**P.Save Setting**	**Fax Receive: On*** Fax Receive: Off	Ring Tone:On **Ring Tone:Off*** (For MFC-990CW when you choose Fax Receive:On)	Customizes the **Power Save** key not to receive faxes in power save mode.	23
	LCD Settings	**LCD Contrast**	Light **Med*** Dark	Adjusts the contrast of the LCD.	29
		Backlight	**Light*** Med Dark	You can adjust the brightness of the LCD backlight.	29
		Dim Timer	Off 10 Secs 20 Secs **30 Secs***	You can set how long the LCD backlight stays on for after the last key press.	29
	Sleep Mode	—	1 Min 2 Mins 3 Mins 5 Mins **10 Mins*** 30 Mins 60 Mins	You can choose how long the machine will remain idle before it goes into sleep mode.	28
	Echo Control (MFC-990CW only)	—	**level1*** level2 level3 level4	Adjusts the Echo Control level.	See *DECT™ Handset BCL-D70 User's Guide*
	The factory settings are shown in Bold with an asterisk.				

Downloaded from ManualsPrinter.com Manuals

Level1	Level2	Level3	Options	Descriptions	Page
Fax	**Setup Receive**	**Ring Delay**	**Ring Delay** 2 - 10 (**2***) (Example for Australia)	Sets the number of rings before the machine answers in Fax Only or Fax/Tel mode.	46
			Toll Saver On **Off***	Cost saving feature: the machine rings 2 times if there are messages and 4 times if there are no messages, so you can hang up and not pay for the call.	81
		F/T Ring Time	20 Secs **30 Secs*** 40 Secs 70 Secs (For New Zealand) 20 Secs **30 Secs*** 40 Secs 55 Secs	Sets the pseudo/double-ring time in Fax/Tel mode.	46
		Fax Detect	**On*** Semi Off	Receives fax messages automatically when you answer a call and hear the fax tone.	47
		Remote Codes	**On*** (*51, #51) (*91, #91 for New Zealand) Off	Allows you to answer all calls at an extension or external telephone and use codes to turn the machine on or off. You can personalize these codes.	68
		Auto Reduction	**On*** Off	Cuts the size of incoming faxes.	53
	The factory settings are shown in Bold with an asterisk.				

Downloaded from ManualsPrinter.com Manuals

Level1	Level2	Level3	Options	Descriptions	Page
Fax (Continued)	**Setup Receive** (Continued)	**Memory Receive**	**Off*** Fax Forward Fax Storage PC Fax Receive	You can set the machine to either forward fax messages, store incoming faxes in the memory (so you can retrieve them while you are away from your machine), or send faxes to your PC. If you choose Fax Forward or PC Fax Receive, you can turn on the Backup Print safety feature.	48
		Fax Preview	On **Off***	You can preview faxes.	51
	Report Setting	**Transmission**	On On+Image **Off*** Off+Image	Initial setup for Transmission Verification Report and Fax Journal Report.	83
		Journal Period	Off **Every 50 Faxes*** Every 6 Hours Every 12 Hours Every 24 Hours Every 2 Days Every 7 Days		84
	Print Document	—	—	Prints incoming faxes stored in the memory.	54
	Remote Access	—	---*	Set your own code for Remote Retrieval.	54
	Remaining Jobs	—	—	Check which jobs are in the memory and lets you cancel chosen jobs.	40
	The factory settings are shown in Bold with an asterisk.				

Downloaded from ManualsPrinter.com Manuals

Level1	Level2	Level3	Options	Descriptions	Page
Fax (Continued)	**Setup TAD**	**OGM**	TAD Message F/T Message	Play/Record or erase the outgoing message.	78
		ICM Max.Time	**30 Secs*** 60 Secs 120 Secs 180 Secs	Choose the maximum length of incoming messages.	81
		ICM Rec.Monitr	Off **On***	Allows you to turn the speaker volume for voice messages as they come in On or Off.	81
	Miscellaneous	**Mem Security**	Set Password Set Security	Prohibits most functions except receiving faxes into memory.	31
		Compatibility	**High*** Normal Basic(for VoIP)	Adjusts the modem speed to help resolve transmission problems.	149
		Distinctive (Not available in New Zealand)	On **Off***	Use with phone company distincive ringing service allows you to have a voice number and fax number on the one phone line.	60 65
		Faxability (For New Zealand only)	On **Off***	If you have FaxAbility from Telecom, you can use this function to store the ringing pattern of your fax number. And if you set in to On, you should use the registered number only.	63
		Call Waiting (For New Zealand only)	On **Off***	If you have Call Waiting as well as FaxAbility, set the Call Waiting to On.	64
	The factory settings are shown in Bold with an asterisk.				

Downloaded from ManualsPrinter.com Manuals

Network menu

Level1	Level2	Level3	Level4	Options	Descriptions
Network	**Wired LAN**	**TCP/IP**	**BOOT Method**	**Auto*** Static RARP BOOTP DHCP	Chooses the BOOT method that best suits your needs.
			IP Address	[000-255]. [000-255]. [000-255]. [000-255]	Enter the IP address.
			Subnet Mask	[000-255]. [000-255]. [000-255]. [000-255]	Enter the Subnet mask.
			Gateway	[000-255]. [000-255]. [000-255]. [000-255]	Enter the Gateway address.
			Node Name	BRNXXXXXXXXXXXX	Enter the Node name.
			WINS Config	**Auto*** Static	Chooses the WINS configuration mode.
			WINS Server	(Primary) 000.000.000.000 (Secondary) 000.000.000.000	Specifies the IP address of the primary or secondary server.
			DNS Server	(Primary) 000.000.000.000 (Secondary) 000.000.000.000	Specifies the IP address of the primary or secondary server.
			APIPA	**On*** Off	Automatically allocates the IP address from the link-local address range.
	See *Network User's Guide on the CD-ROM*				
	The factory settings are shown in Bold with an asterisk.				

Downloaded from ManualsPrinter.com Manuals

Level1	Level2	Level3	Level4	Options	Descriptions
Network (Continued)	**Wired LAN** (Continued)	**Ethernet**	**Auto*** 100B-FD 100B-HD 10B-FD 10B-HD		Chooses the Ethernet link mode.
	WLAN	**TCP/IP**	**BOOT Method**	**Auto*** Static RARP BOOTP DHCP	Chooses the BOOT method that best suits your needs.
			IP Address	[000-255]. [000-255]. [000-255]. [000-255]	Enter the IP address.
			Subnet Mask	[000-255]. [000-255]. [000-255]. [000-255]	Enter the Subnet mask.
			Gateway	[000-255]. [000-255]. [000-255]. [000-255]	Enter the Gateway address.
			Node Name	BRWXXXXXXXXXXX	Enter the Node name.
			WINS Config	**Auto*** Static	Chooses the WINS configuration mode.
			WINS Server	(Primary) 000.000.000.000 (Secondary) 000.000.000.000	Specifies the IP address of the primary or secondary server.
			DNS Server	(Primary) 000.000.000.000 (Secondary) 000.000.000.000	Specifies the IP address of the primary or secondary server.
	See *Network User's Guide on the CD-ROM*				
	The factory settings are shown in Bold with an asterisk.				

Downloaded from ManualsPrinter.com Manuals

Level1	Level2	Level3	Level4	Options	Descriptions
Network (Continued)	**WLAN** (Continued)	**TCP/IP** (Continued)	**APIPA**	**On*** Off	Automatically allocates the IP address from the link-local address range.
		Setup Wizard	—	—	You can configure your print server.
		SES/WPS/AOSS	—	—	You can easily configure your wireless network settings using the one-button push method.
		WPS w/PIN Code	—	—	You can easily configure your wireless network settings using WPS with a PIN code.
		WLAN Status	**Status**	—	You can see the current wireless network status.
			Signal	—	You can see the current wireless network signal strength.
			SSID	—	You can see the current SSID.
			Comm. Mode	—	You can see the current Communication Mode.
	Network I/F	—	**Wired LAN*** WLAN	—	You can choose the network connection type.
	Factory Reset	—	Yes No	—	Restores all wired and wireless network settings to the factory default.
	See *Network User's Guide on the CD-ROM*				
	The factory settings are shown in Bold with an asterisk.				

Downloaded from ManualsPrinter.com Manuals

MENU (MENU) (continued)

Level1	Level2	Level3	Options	Descriptions	Page
Bluetooth (MFC-990CW only)	**Turn On/Off**	—	On **Off***	Turn on to use *Bluetooth*® wireless technology.	121
	Settings	**Pass Key**	—	Authorizes a *Bluetooth*® wireless technology enabled device to communicate with your machine	121
		Comm. Mode	**Public*** Private Secure	Controls the level of security between other *Bluetooth*® wireless technology enabled devices and your machine	121
		Device Address	—	Identifies your machine	122
		Device Name	—	Name of your machine.	122
	Print Settings	**Print Quality**	Normal **Photo***	Choose the print quality.	122
		Paper Type	Plain Paper Inkjet Paper Brother BP71 **Other Glossy***	Choose the paper type that matches the paper in the tray.	122
		Paper Size	**10x15cm*** 13x18cm A4 Letter	Choose the paper size that matches the paper in the tray.	123
		Borderless	**On*** Off	Expands the printable area to fit the edges of the paper.	123
		Date Print	On **Off***	Prints the date on your photos.	123
	Factory Reset	—	Yes No	You can restore all settings to the factory settings.	123
	The factory settings are shown in Bold with an asterisk.				

Downloaded from ManualsPrinter.com Manuals

Level1	Level2	Level3	Options	Descriptions	Page
Print Reports	**XMIT Verify**	—	—	Prints these lists and reports.	83
	Help List	—	—		
	Quick Dial	—	Alphabetical Order Numerical Order		
	Fax Journal	—	—		
	User Settings	—	—		
	Network Config	—	—		
	Caller ID hist.	—	—		
Machine Info.	**Serial No.**	—	—	Lets you check the serial number of your machine.	169
Initial Setup	**Receive Mode** (MFC-790CW only)	—	**Fax Only*** Fax/Tel Manual	Choose the receive mode that best suits your needs.	43
	Receive Mode (MFC-990CW only)	—	Fax Only **Fax/Tel*** Manual		
	Date&Time	—	—	Puts the date and time on the LCD and in headings of faxes you send.	See *Quick Setup Guide*
	Station ID	—	Fax: Name:	Set your name and fax number to appear on each page you fax.	
	Tone/Pulse (Not available in New Zealand)	—	**Tone*** Pulse	Choose the dialling mode.	
	Dial Tone	—	Detection **No Detection***	Turns Dial Tone Detection on or off.	149
	Register Handset (MFC-990CW only)	—	Register Terminate	Sets the machine to register the cordless handset.	See *DECT™ Handset BCL-D70 User's Guide*
	The factory settings are shown in Bold with an asterisk.				

Downloaded from ManualsPrinter.com Manuals

Fax ( )

Level1	Level2	Level3	Options	Descriptions	Page
Fax Resolution	—	—	**Standard*** Fine S.Fine Photo	Sets the resolution for outgoing faxes.	39
Contrast	—	—	**Auto*** Light Dark	Changes the lightness or darkness of faxes you send.	38
Broadcasting	**Add Number** **Speed Dial**	—	—	You can send the same fax message to more than one fax number.	37
Preview	—	—	On **Off***	You can preview a fax message before send it.	36
Delayed Fax	—	—	On (00;00) **Off***	Sets the time of day in 24-hour format that the delayed faxes will be sent.	40
Batch TX	—	—	On **Off***	Combines delayed faxes to the same fax number at the same time of day into one transmission.	40
Real Time TX	—	—	On **Off***	You can send a fax without using the memory.	39
Polled TX	—	—	Standard Secure **Off***	Sets up the document on your machine to be retrieved by another fax machine.	87
Polling RX	—	—	Standard Secure Timer **Off***	Sets up your machine to poll another fax machine.	85
Overseas Mode	—	—	On **Off***	If you are having difficulty sending faxes overseas, set this to On.	40
Glass ScanSize	—	—	**A4*** Letter	Adjust the scan area of the scanner glass to the size of the document.	35
Set New Default	—	—	Yes No	You can save your fax settings.	41
Factory Reset	—	—	Yes No	You can restore all settings to the factory settings.	41

The factory settings are shown in Bold with an asterisk.

Downloaded from ManualsPrinter.com Manuals

Level1	Level2	Level3	Options	Descriptions	Page
Speed Dial	**More**	Set Speed Dial		You can set up dial by pressing only a few keys.	72
		Setup Groups	—	You can set up a Group numbers for Broadcasting.	75
		Change	—	You can change Speed Dial numbers.	72
		Delete	—	You can delete a Speed Dial numbers.	75
History	**Outgoing Call**	Send a fax	—	You can choose a number from the Outgoing Call history and then make a telephone call to it, send a fax to it, add it to Speed Dial, or delete it.	71
		Make a phone call	—		
		More	Add to Speed Dial		
			Delete		
	Caller ID hist.	Send a fax	—	You can choose a number from the Caller ID history and then make a telephone call to it, send a fax to it, add it to Speed Dial, or delete it.	71
		Make a phone call	—		
		More	Add to Speed Dial		
			Delete		
The factory settings are shown in Bold with an asterisk.					

C

Downloaded from ManualsPrinter.com Manuals

Scan ( )

Level1	Option1	Option2	Option3	Descriptions	Page
Scan to E-mail	—	—	—	You can scan a monochrome or a colour document into your E-mail application.	See *Software User's Guide* on the CD-ROM
Scan to Image	—	—	—	You can scan a colour picture into your graphics application.	
Scan to OCR	—	—	—	You can have your text document converted to an editable text file.	
Scan to File	—	—	—	You can scan a monochrome or a colour document into your computer.	
Scan to Media (when a memory card or USB Flash memory drive is inserted)	**Quality**	—	**Color 150 dpi*** Color 300 dpi Color 600 dpi B/W 200x100 dpi B/W 200 dpi	You can choose the scan resolution, file format for your document.	113
	File Type	—	(If you chose colour option in Quality setting) **PDF*** JPEG		
			(If you chose Mono option in Quality setting) **PDF*** TIFF		
	File Name	—	—	You can rename the file.	
	Set New Default	—	Yes No	You can save your scan settings.	114
	Factory Reset	—	Yes No	You can restore all settings to the factory settings.	114

The factory settings are shown in Bold with an asterisk.

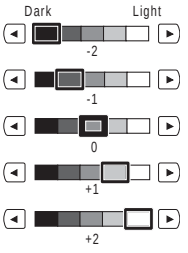
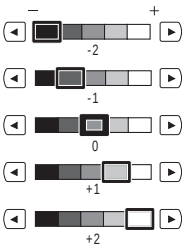
Downloaded from ManualsPrinter.com Manuals

Copy ( )

Level1	Level2	Level3	Options	Descriptions	Page
Quality	—	—	Fast **Normal*** Best	Choose the Copy resolution for your type of document.	90
Enlarge/Reduce	**100%***	—	—	—	92
	Enlarge	—	198% 10x15cm→A4 186%10x15cm→LTR 142% A5 → A4	You can choose the enlargement ratio for your type of document.	92
	Reduce	—	97% LTR → A4 93% A4 → LTR 83% LGL → A4 69% A4 → A5 47% A4 → 10x15cm	You can choose the reduction ratio for your type of document.	92
	Fit to Page	—	—	Your machine will adjust the size automatically to the paper size you set.	92
	Custom (25-400%)	—	—	You can choose the enlargement or reduction ratio for your type of document.	92
Paper Type	—	—	**Plain Paper*** Inkjet Paper Brother BP71 Other Glossy Transparency	Choose the paper type that matches the paper in the tray.	94
Paper Size	—	—	**A4*** A5 10x15cm Letter Legal	Choose the paper size that matches the paper in the tray.	95
The factory settings are shown in Bold with an asterisk.					

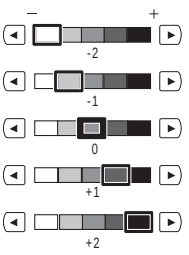
C

Downloaded from ManualsPrinter.com Manuals

Level1	Level2	Level3	Options	Descriptions	Page
Brightness	—	—		Adjusts the brightness of copies.	94
Contrast	—	—		Adjusts the contrast of copies.	94
Stack/Sort	—	—	**Stack*** Sort	You can choose to stack or sort multiple copies.	94
Page Layout	—	**Off(1in1)*** 2in1(P) 2in1(L) 4in1(P) 4in1(L) Poster (3 x 3)	—	You can make N in 1 or Poster copies.	93
Book Copy	On	—	—	Corrects dark borders and skew when copying from the scanner glass.	95
	On(Preview)	(Skew Adjustment)	—		
		(Shadow Revise)	—		
	Off*	—	—		
Watermark Copy	**Use Watermark**	—	See the watermark copy settings in the following table.	You can place a logo or text into your document as a Watermark.	95
	Edit Template				
	Use Image				
Favorite Settings	Store	—	Favorite:1 Favorite:2 Favorite:3	You can save your Favourite settings.	96
	Rename				
	The factory settings are shown in Bold with an asterisk.				

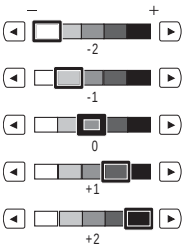
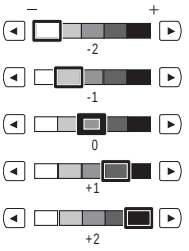
Downloaded from ManualsPrinter.com Manuals

Watermark Copy Settings

Option1	Option2	Option3	Option4	Descriptions	Page
Edit Template	—	**Text**	**CONFIDENTIAL***	Places a text into your document as a Watermark using a template.	95
			DRAFT		
			COPY		
	—	**Position**	A		
			B		
			C		
			D		
			E*		
			F		
			G		
			H		
			I		
			Pattern		
	—	**Size**	Small		
			Medium*		
			Large		
	—	**Angle**	-90°		
			-45°*		
			0°		
			+45°		
			+90°		
	—	**Transparency**			
	—	**Colour**	Red		
			Orange		
			Yellow		
			Green		
			Blue		
			Purple		
			Black*		

The factory settings are shown in Bold with an asterisk.

Downloaded from ManualsPrinter.com Manuals

Option1	Option2	Option3	Option4	Descriptions	Page
Use Image	**Scan** (Set page and press start)	**Transparency**		Places a logo or text into your document as a Watermark using a scanned image.	95
	Media	**Position**	A B C D **E*** F G H I Pattern	Places a logo or text into your document as a Watermark using an image from removable media.	
		Size	Small **Medium*** Large		
		Angle	-90° **-45°*** 0° +45° +90°		
		Transparency			
	The factory settings are shown in Bold with an asterisk.				

Downloaded from ManualsPrinter.com Manuals

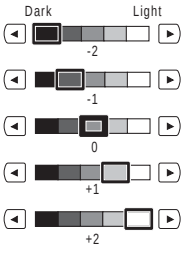
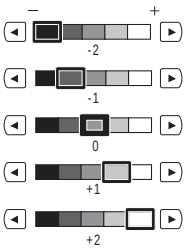
PhotoCapture ( )

Level1	Level2	Level3	Options	Descriptions	Page
View Photos	(Print All Photos)	(Auto Correct)	See the print settings in the following table.	You can print all photos in your memory card or USB Flash memory drive.	103
	(Slide Show)			The machine starts a Slide Show of your photos.	
				The machine decides the suitable effect for your photo.	105
Enhance Photos	**Enhance**	(Auto Correct) (Enhance Skin) (Enhance Scenery) (Remove Red-Eye) (Monochrome) (Sepia) (Auto Correct Remove Red-Eye)	See the print settings in the following table.	You can adjust your photos with these settings.	105
	Trim	—		You can trim your photo and print a part of the image.	105
Index Print	**Index Sheet**	**6 Images/Line*** 5 Images/Line	See the print settings in the following table.	You can print a thumbnail page.	103
	Print Photos	—		You can print an individual image.	104

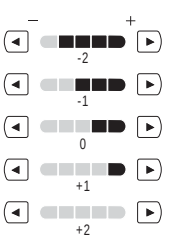
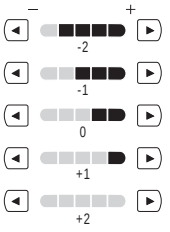
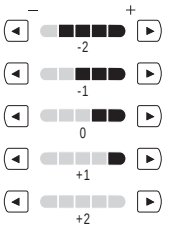
The factory settings are shown in Bold with an asterisk.

Downloaded from ManualsPrinter.com Manuals

Print Settings

Option1	Option2	Option3	Option4	Descriptions	Page
Print Quality (Does not appear for DPOF printing)	Normal **Photo***	—	—	Choose the print quality.	108
Paper Type	Plain Paper Inkjet Paper Brother BP71 **Other Glossy***	—	—	Choose the paper type.	108
Paper Size	**10x15cm*** 13x18cm A4 Letter	(When A4 or Letter is chosen) 8x10cm 9x13cm 10x15cm 13x18cm 15x20cm **Max. Size***	—	Choose the paper and print size.	108
Brightness (Does not appear when Enhance Photos is chosen.)		—	—	Adjusts the brightness.	109
Contrast (Does not appear when Enhance Photos is chosen.)		—	—	Adjusts the contrast.	109
	The factory settings are shown in Bold with an asterisk.				

Downloaded from ManualsPrinter.com Manuals

Option1	Option2	Option3	Option4	Descriptions	Page
Color Enhance (Does not appear when Enhance Photos is chosen.)	On **Off***	White Balance		Adjusts the hue of the white areas.	109
		Sharpness		Enhances the detail of the image.	
		Color Density		Adjusts the total amount of colour in the image.	
Cropping	**On*** Off	—	—	Crops the image around the margin to fit the paper size or print size. Turn this feature off if you want to print whole images or prevent unwanted cropping.	111
Borderless	**On*** Off	—	—	Expands the printable area to fit the edges of the paper.	111
Date Print (Does not appear when DPOF Print is chosen.)	On **Off***	—	—	Prints the date on your photo.	111
Set New Default	Yes No	—	—	You can save your print settings.	112
Factory Reset	Yes No	—	—	You can restore all the settings to factory settings.	114
The factory settings are shown in Bold with an asterisk.					

C

Downloaded from ManualsPrinter.com Manuals

Speed Dial (Speed Dial)

Level1	Level2	Level3	Options	Descriptions	Page
Speed Dial	**More**	Set Speed Dial		You can set up dial by pressing only a few keys.	72
		Setup Groups	—	You can set up a Group numbers for Broadcasting.	75
		Change	—	You can change Speed Dial numbers.	72
		Delete	—	You can delete a Speed Dial numbers.	75
	The factory settings are shown in Bold with an asterisk.				

History (History)

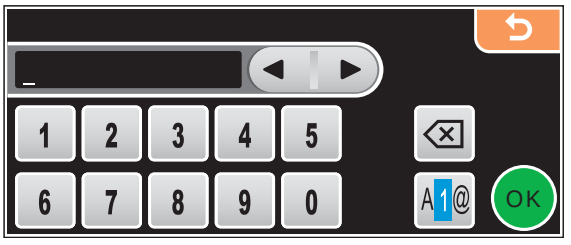
Level1	Level2	Level3	Options	Descriptions	Page
History	**Outgoing Call**	Send a fax	—	You can choose a number from the Outgoing Call history and then make a telephone call to it, send a fax to it, add it to Speed Dial, or delete it.	71
		Make a phone call	—		
		More	Add to Speed Dial		
			Delete		
	Caller ID hist.	Send a fax	—	You can choose a number from the Caller ID history and then make a telephone call to it, send a fax to it, add it to Speed Dial, or delete it.	71
		Make a phone call	—		
		More	Add to Speed Dial		
			Delete		
	The factory settings are shown in Bold with an asterisk.				

Downloaded from ManualsPrinter.com Manuals

Entering Text

When you are setting certain menu selections, you may need to enter text into the machine. Press A1@ to choose numbers, letters or special characters. Up to four letters are assigned to each button on the LCD.

By pressing the correct button repeatedly, you can access the character you want.



Inserting spaces

To enter a space, press A1@ to choose special characters, then press the space button _^_ or _.

Note

The characters available may differ depending on your country.

Making corrections

If you entered an incorrect letter and want to change it, use the arrow buttons to move the cursor under the incorrect character. Then press ⌫. Re-enter the correct character. You can also insert letters by moving the cursor and entering a character.

Repeating letters

If you need to enter a letter that is on the same button as the letter before it, press ▶ to move the cursor to the right before you press the same button again.

Downloaded from ManualsPrinter.com Manuals

D Specifications

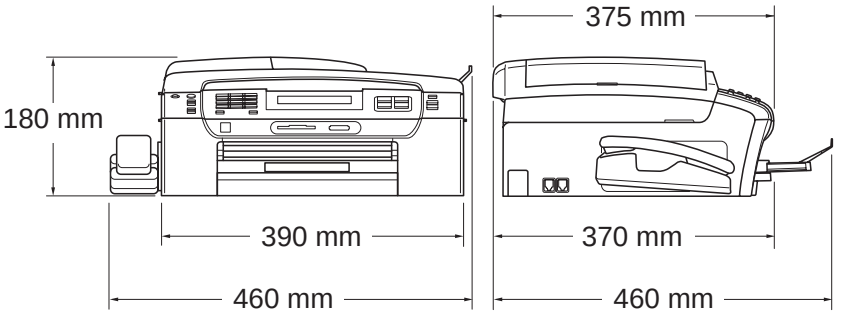
General

Printer Type	Inkjet	
Print Method	Mono:	Piezo with 94 × 1 nozzle
	Colour:	Piezo with 94 × 3 nozzles
Memory Capacity	48 MB	
LCD (liquid crystal display)	Touchscreen 4.2 in. (106.7 mm) Colour LCD	
	Touchscreen active area: 4.0 in. (100.3 mm)	
Power Source	AC 220 to 240V 50/60Hz	
Power Consumption	(MFC-790CW)	
	Off Mode:	Average 0.8 W
	Sleep Mode:	Average 5 W
	Standby:	Average 6.5 W
	Operating:	Average 28 W
	(MFC-990CW)	
	Off Mode:	Average 0.9 W
	Sleep Mode:	Average 8 W
	Standby:	Average 8.5 W
	Operating:	Average 30 W

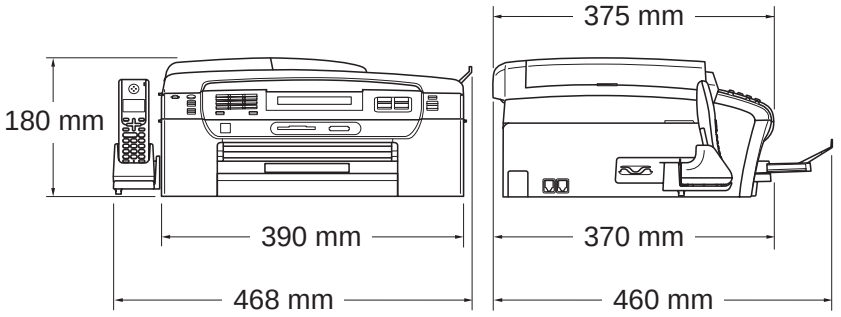
Downloaded from ManualsPrinter.com Manuals

Dimension

(MFC-790CW)



(MFC-990CW)



Weight		(MFC-790CW) 8.5 kg (MFC-990CW) 8.6 kg
Noise	Operating:	50 dB or less [1]
Temperature	Operating:	10 - 35° C
	Best Print Quality:	20 - 33° C
Humidity	Operating:	20 - 80% (without condensation)
	Best Print Quality:	20 - 80% (without condensation)
ADF (automatic document feeder)	Recommended environment for best results: Up to 15 pages Temperature: 20° C - 30° C Humidity: 50% - 70% Paper: 80 gsm A4 or Letter size	
Paper Tray	100 Sheets 80 gsm	

[1] This depends on printing conditions.

Downloaded from ManualsPrinter.com Manuals

Print media

Paper Input

Paper Tray

- Paper type:

  Plain paper, inkjet paper (coated paper), glossy photo paper [2], transparencies [1] [2] and envelopes

- Paper size:

  Letter, Legal, Executive, A4, A5, A6, JIS B5, envelopes (commercial No.10, DL, C5, Monarch, JE4), Photo 2L, Index card and Postcard [3]

  Width: 89 mm - 215.9 mm

  Length: 127 mm - 355.6 mm

  For more details, see *Paper weight, thickness and capacity* on page 20.

- Maximum paper tray capacity:

  Approx. 100 sheets of 80 gsm plain paper

Photo Paper Tray

- Paper type:

  Plain paper, inkjet paper (coated paper) and glossy paper [2]

- Paper size:

  Photo 10×15 cm and Photo L

  Width: 89 mm - 101.6 mm

  Height: 127 mm - 152.4 mm

- Maximum paper tray capacity:

  Approx. 20 sheets

Paper Output

Up to 50 sheets of A4 plain paper (face up print delivery to the output paper tray) [2]

1 Use only transparencies recommended for inkjet printing.

2 For glossy photo paper or transparencies, we recommend removing printed pages from the output paper tray immediately after they exit the machine to avoid smudging.

3 See *Paper type and size for each operation* on page 19.

Downloaded from ManualsPrinter.com Manuals

Fax

Compatibility	ITU-T Super Group 3
Coding System	MH/MR/MMR/JPEG
Modem Speed	Automatic Fallback 33600 bps
Document Size	ADF Width: 148 mm to 215.9 mm ADF Length: 148 mm to 355.6 mm Scanner Glass Width: Max. 215.9 mm Scanner Glass Length: Max. 297 mm
Scanning Width	ADF: 208 mm (A4 paper) Scanner Glass: 204 mm (A4 paper)
Printing Width	204 mm
Greyscale	256 levels
Polling Types	Standard, Secure, Timer, Sequential: (Monochrome only)
Contrast Control	Automatic/Light/Dark (manual setting)
Resolution	■ Horizontal 8 dot/mm ■ Vertical Standard 3.85 line/mm (Mono) 7.7 line/mm (Colour) Fine 7.7 line/mm (Mono/Colour) Photo 7.7 line/mm (Mono) Superfine 15.4 line/mm (Mono)
Speed Dial	100 stations × 2 numbers
Groups	Up to 6

Downloaded from ManualsPrinter.com Manuals

Broadcasting [1]	250 stations
Automatic Redial	3 times at 5 minute intervals
Ring Delay	2, 3, 4, 5, 6, 7, 8, 9 or 10 rings (for Australia)
	1, 2, 3, 4, 5, 6, 7, 8, 9 or 10 rings (for New Zealand)
	0, 1, 2, 3, 4, 5, 6, 7, 8, 9 or 10 rings (for some countries)
Communication Source	Public switched telephone network.
Memory Transmission	Up to 480 [2]/400 [3] pages
Out of Paper Reception	Up to 480 [2]/400 [3] pages

1 Monochrome only

2 'Pages' refers to the 'Brother Standard Chart No. 1' (a typical business letter, Standard resolution, MMR code). Specifications and printed materials are subject to change without prior notice.

3 'Pages' refers to the 'ITU-T Test Chart #1' (a typical business letter, Standard resolution, MMR code). Specifications and printed materials are subject to change without prior notice.

Downloaded from ManualsPrinter.com Manuals

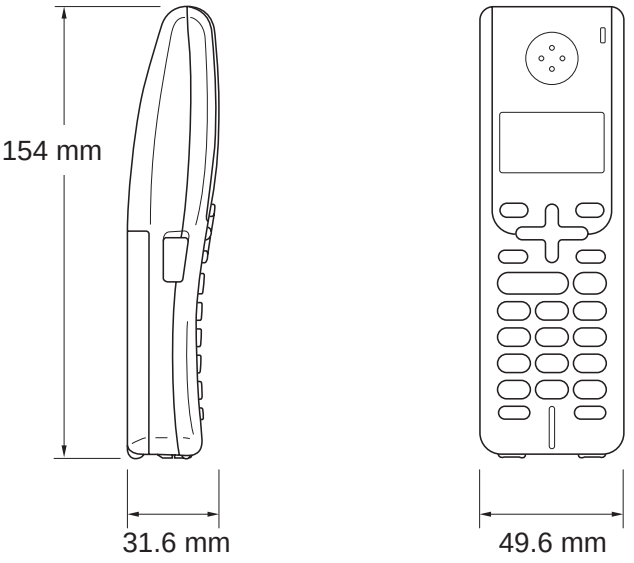
Digital TAD

TAD	Yes
ICM Recording Time	Max. 29 minutes / Max. 99 messages (Max.180 secs / 1 message)
Toll Saver	Yes
Recording Conversation	Yes (MFC-790CW only)
OGM	Yes
OGM Recording Time	20 secs

Downloaded from ManualsPrinter.com Manuals

Digital Cordless Handset (MFC-990CW only)

Cordless handset (BCL-D70)

Frequency	1.9 GHz
Standard	DECT™
Multi Handset Capability	Up to 4 handsets
Dimensions	
Weight (including battery)	149 g
LCD (liquid crystal display)	16-Digit, 3-Line (+1-Line for Pict), Backlit (Orange)
Charge Indicator	Yes (LED)
Full Charge Time	12 hours
While in Use (TALK)	10 hours
While Not in Use (Standby)	200 hours

Battery

Type	BCL-BT20
Rating	Ni-MH 3.6 V 730 mAh

Downloaded from ManualsPrinter.com Manuals

Copy

Colour/Monochrome	Yes/Yes
Document Size	ADF Width: 148 mm to 215.9 mm ADF Length: 148 mm to 355.6 mm Scanner Glass Width: Max. 215.9 mm Scanner Glass Length: Max. 297 mm Copy Width: Max. 210 mm
Multiple Copies	Stacks/Sorts up to 99 pages
Enlarge/Reduce	25% to 400% (in increments of 1%)
Copy Speed	Monochrome: Up to 22 pages/minute (A4 paper) [1] Colour: Up to 20 pages/minute (A4 paper) [1]
Resolution	(Monochrome) ■ Scans up to 1200×1200 dpi ■ Prints up to 1200×1200 dpi (Colour) ■ Scans up to 600×1200 dpi ■ Prints up to 600×1200 dpi

[1] Based on Brother standard pattern (Fast mode/Stack Copy). Copy speeds vary with the complexity of the document.

Downloaded from ManualsPrinter.com Manuals

PhotoCapture Center™

Compatible Media [1]	CompactFlash® (Type I only) (Microdrive™ is not compatible) (Compact I/O cards such as Compact LAN card and Compact Modem card are not supported.) Memory Stick® Memory Stick Pro™ Memory Stick Duo™ with adapter Memory Stick Micro (M2) with adapter SD [2] SDHC [3] microSD with adapter miniSD™ with adapter xD-Picture Card™ [4] USB Flash memory drive [5]
Resolution	Up to 1200 × 2400 dpi
File Extension (Media Format) (Image Format)	 DPOF, EXIF, DCF Photo Print: JPEG [6] Scan to Media: JPEG, PDF (Colour) TIFF, PDF (Black)
Number of Files	Up to 999 files (The folder inside memory cards or USB Flash memory drive is also counted)
Folder	File must be stored in the 4th folder level of the memory card or USB Flash memory drive.
Borderless	Letter, A4, Photo (10×15 cm), Photo 2L (13×18 cm) [7]

1 Memory cards, adapters and USB Flash memory drive are not included.

2 16MB to 2GB

3 4GB to 8GB

4 xD-Picture Card™ Conventional Card from 16MB to 512MB
xD-Picture Card™ Type M from 256MB to 2GB
xD-Picture Card™ Type M+ 1GB and 2GB
xD-Picture Card™ Type H from 256MB to 2GB

5 USB 2.0 Standard
USB Mass Storage standard from 16 MB to 8 GB
Support format: FAT12/FAT16/FAT32

6 Progressive JPEG format is not supported.

7 See *Paper type and size for each operation* on page 19.

Downloaded from ManualsPrinter.com Manuals

PictBridge

Compatibility	Supports the Camera & Imaging Products Association PictBridge standard CIPA DC-001. VIsit http://www.cipa.jp/pictbridge for more information.
Interface	USB direct interface

Downloaded from ManualsPrinter.com Manuals

Bluetooth® wireless technology (MFC-990CW only)

Standard	ver 2.0 + EDR
Support Profile	BIP, OPP
Frequency	2.402 - 2.48 GHz
Communication Speed	ver 2.0 + EDR : Maximum 3 Mbps
Max. Receiving File	Up to 3 MB
File Extension	JPG
(Image Format)	

Bluetooth enabled devices can print from other devices, such as cameras, phones and PDAs in JPG format.

Downloaded from ManualsPrinter.com Manuals

Scanner

Colour/Monochrome	Yes/Yes
TWAIN Compliant	Yes (Windows® 2000 Professional/XP/XP Professional x64 Edition/Windows Vista®)
	Mac OS® X 10.2.4 or greater
WIA Compliant	Yes (Windows® XP [1]/Windows Vista®)
Colour Depth	36 bit colour Processing (Input)
	24 bit colour Processing (Output)
	(Actual Input: 30 bit colour/Actual Output: 24 bit colour)
Resolution	Up to 19200 × 19200 dpi (interpolated) [2]
	Up to 1200 × 2400 dpi (optical) (Scanner Glass)
	Up to 1200 × 600 dpi (optical) (ADF)
Scanning Speed	Monochrome: up to 3.44 sec.
	Colour: up to 4.83 sec.
	(A4 size at 100 × 100 dpi)
Document Size	ADF Width: 148 mm to 215.9 mm
	ADF Length: 148 mm to 355.6 mm
	Scanner Glass Width: Max. 215.9 mm
	Scanner Glass Length: Max. 297 mm
Scanning Width	Up to 210 mm
Greyscale	256 levels

1 Windows® XP in this User's Guide includes Windows® XP Home Edition, Windows® XP Professional, and Windows® XP Professional x64 Edition.

2 Maximum 1200 × 1200 dpi scanning when using the WIA Driver for Windows® XP and Windows Vista® (resolution up to 19200 × 19200 dpi can be selected by using the Brother scanner utility)

Downloaded from ManualsPrinter.com Manuals

Printer

Printer Driver	Windows® 2000 Professional/XP/XP Professional x64 Edition/Windows Vista® driver supporting Brother Native Compression mode
	Mac OS® X 10.2.4 or greater: Brother Ink Driver
Resolution	Up to 1200 × 6000 dpi
	1200 × 2400 dpi
	1200 × 1200 dpi
	600 × 1200 dpi
	600 × 600 dpi
	600 × 300 dpi
	600 × 150 dpi (Colour)
	450 × 150 dpi (Mono)
Print Speed	Up to 33 pages/minute (Mono) [1]
	Up to 27 pages/minute (Colour) [1]
Printing Width	204 mm (210 mm) [2] [4]
Borderless	Letter, A4, A6, Photo (10×15 cm), Index Card, Photo L (89×127 mm), Photo 2L (13×18 cm), Postcard [3]

1 Based on Brother standard pattern.
A4 size in draft mode.

2 When you set the Borderless feature to On.

3 See *Paper type and size for each operation* on page 19.

4 When printing on A4 size paper.

Downloaded from ManualsPrinter.com Manuals

Interfaces

USB	A USB 2.0 interface cable that is no longer than 2.0 m. [1] [2]
LAN cable [3]	Ethernet UTP cable category 5 or greater.
Wireless LAN	Your machine supports IEEE 802.11b/g wireless communication with your wireless LAN using Infrastructure mode or a wireless Peer-to-Peer connection in Ad-hoc Mode.

1 Your machine has a Hi-speed USB 2.0 interface. The machine can also be connected to a computer that has a USB 1.1 interface.

2 Third party USB ports are not supported for Macintosh®.

3 See the *Network User's Guide* for detailed network specifications.

Downloaded from ManualsPrinter.com Manuals

Computer requirements

SUPPORTED OPERATING SYSTEMS AND SOFTWARE FUNCTIONS								
Computer Platform & Operating System Version		**Supported PC Software Functions**	**PC Interface**	**Processor Minimum Speed**	**Minimum RAM**	**Recommended RAM**	**Hard Disk Space to install**	
							For Drivers	For Applications
Windows® Operating System [1]	2000 Professional [5]	Printing, PC Fax [4], Scanning, Removable Disk	USB, 10/100 BaseTx (Ethernet), Wireless 802.11b/g	Intel® Pentium® II or equivalent	64 MB	256 MB	110 MB	340 MB
	XP Home [2 5] XP Professional [2 5]				128 MB		110 MB	340 MB
	XP Professional x64 Edition [2]			64-bit (Intel®64 or AMD64) supported CPU	256 MB	512 MB	110 MB	340 MB
	Windows Vista® [2]			Intel® Pentium® 4 or equivalent 64-bit (Intel®64 or AMD64) supported CPU	512 MB	1 GB	600 MB	530 MB
Macintosh® Operating System [6]	Mac OS® X 10.2.4 - 10.4.3	Printing, PC Fax Send [4], Scanning, Removable Disk	USB [3], 10/100 BaseTx (Ethernet), Wireless 802.11b/g	PowerPC G4/G5 PowerPC G3 350MHz	128 MB	256 MB	80 MB	400 MB
	Mac OS® X 10.4.4 or greater			PowerPC G4/G5 Intel® Core™ Processor	512 MB	1 GB		

Conditions:

1 Microsoft® Internet Explorer 5.5 or greater.

2 For WIA, 1200 x 1200 resolution. Brother Scanner Utility enables to enhance up to 19200 x 19200 dpi.

3 Third party USB ports are not supported.

4 PC Fax supports black and white only.

5 PaperPort™ 11SE supports Microsoft® SP4 or higher for Windows® 2000 and SP2 or higher for XP.

6 Presto!® PageManager® on the CD-ROM supports Mac OS® X 10.3.9 or higher. For Mac OS® X 10.2.4-10.3.8 Presto!® PageManager® is available as a download from the Brother Solutions Center.

For the latest driver updates, visit http://solutions.brother.com

All trademarks, brand and product names are property of their respective companies.

Downloaded from ManualsPrinter.com Manuals

Consumable items

Ink	The machine uses individual Black, Yellow, Cyan and Magenta ink cartridges that are separate from the print head assembly.
Service Life of Ink Cartridge	The first time you install a set of ink cartridges the machine will use an amount of ink to fill the ink delivery tubes for high quality printouts. This process will only happen once. With all following ink cartridges you can print the specified number of pages. The cartridges provided with your machine have a lower yield than standard cartridges (65%).
Replacement Consumables	<Black> LC67BK, <Cyan> LC67C, <Magenta>LC67M, <Yellow> LC67Y Black - Approximately 450 pages [1] Yellow, Cyan and Magenta - Approximately 325 pages [1] [1] Approx. cartridge yield is declared in accordance with ISO/IEC 24711. For more information about the replacement consumables, visit us at http://www.brother.com/pageyield.

What is Innobella™?

Innobella™ is a range of genuine consumables offered by Brother. The name "Innobella™" derives from the words "Innovation" and "Bella" (meaning "Beautiful" in Italian) and is a representation of the "innovative" technology providing you with "beautiful" and "long lasting" print results.

When you print photo images, Brother recommends Innobella™ glossy photo paper (BP71 series) for high quality. Brilliant prints are made easier with Innobella™ Ink and paper.

Downloaded from ManualsPrinter.com Manuals

Network (LAN)

LAN	You can connect your machine to a network for Network Printing, Network Scanning, PC Fax Send, PC Fax Receive (Windows® only) and Remote Setup [1]. Also included is Brother BRAdmin Light [2] Network Management software.	
Support for	Windows® 2000 Professional/XP/XP Professional x64 Edition/Windows Vista®	
	Mac OS® X 10.2.4 or greater	
	Ethernet 10/100 BASE-TX Auto Negotiation (Wired LAN)	
	IEEE 802.11 b/g (Wireless LAN)	
Protocols	TCP/IP:	ARP, RARP, BOOTP, DHCP, APIPA (Auto IP), NetBIOS/WINS, LPR/LPD, Custom Raw Port/Port9100, DNS Resolver, mDNS, FTP Server, TELNET, SNMPv1, TFTP, Scanner Port, LLTD responder, Web Services
Network Security	SSID/ESSID, 128 (104) / 64 (40) bit WEP, WPA/WPA2-PSK (TKIP/AES)	
Setup Support Utility	**SecureEasySetup™**	Yes (simple setup with your SecureEasySetup™-capable access point/router)
	AOSS™	Yes (simple setup with your AOSS™-capable access point/router)
	WPS	Yes (simple setup with your Wi-Fi Protected Setup™-capable access point/router)

1 See the Computer Requirements chart on page 210.

2 If you require more advanced printer management, use the latest Brother BRAdmin Professional utility version that is available as a download from http://solutions.brother.com.

Downloaded from ManualsPrinter.com Manuals

Wireless one-push configuration

If your wireless access point supports either SecureEasySetup™, Wi-Fi Protected Setup™ (PBC [1]) or AOSS™, you can configure the machine easily without a computer. By pushing a button on the wireless LAN router / access point and the machine, you can set up the wireless network and security settings. See the users guide for your wireless LAN router / access point for instructions on how to access one-push mode.

[1] Push Button Configuration

Note

Routers or access points that support SecureEasySetup™, Wi-Fi Protected Setup™ or AOSS™ have the symbols shown below.

Downloaded from ManualsPrinter.com Manuals

E Glossary

This is a comprehensive list of features and terms that appear in Brother manuals. Availability of these features depends on the model you purchased.

ADF (automatic document feeder)

The document can be placed in the ADF and scanned one page at a time automatically.

Auto Reduction

Reduces the size of incoming faxes.

Automatic fax transmission

Sending a fax without picking up the handset of an external telephone.

Automatic Redial

A feature that enables your machine to redial the last fax number after five minutes if the fax did not go through because the line was busy.

Backup Print

Your machine prints a copy of every fax that is received and stored in memory.This is a safety feature so you will not lose messages during a power failure.

Batch Transmission

(Black and white faxes only) As a cost saving feature, all delayed faxes to the same fax number can be sent as one transmission.

Beeper Volume

Volume setting for the beep when you press a key or make an error.

Brightness

Changing the Brightness makes the whole image lighter or darker.

Broadcasting

The ability to send the same fax message to more than one location.

Caller ID

A service purchased from the telephone company that lets you see the number (or name) of the party calling you.

CNG tones

The special tones (beeps) sent by fax machines during automatic transmission to tell the receiving machine that a fax machine is calling.

Coding method

Method of coding the information contained in the document. All fax machines must use a minimum standard of Modified Huffman (MH). Your machine is capable of greater compression methods, Modified Read (MR), Modified Modified Read (MMR) and JPEG, if the receiving machine has the same capability.

Communication error (Comm. Error)

An error during fax sending or receiving, usually caused by line noise or static.

Compatibility group

The ability of one fax unit to communicate with another. Compatibility is assured between ITU-T Groups.

Contrast

Setting to compensate for dark or light documents, by making faxes or copies of dark documents lighter and light documents darker.

Colour Enhancement

Adjusts the colour in the image for better print quality by improving sharpness, white balance and colour density.

Delayed Fax

Sends your fax at a specified time later.

Dual Access

Your machine can scan outgoing faxes or scheduled jobs into memory at the same time it is sending a fax from memory or receiving or printing an incoming fax.

Downloaded from ManualsPrinter.com Manuals

ECM (Error Correction Mode)

Detects errors during fax transmission and resends the pages of the fax that had an error.

Extension telephone

A telephone using the same line as your fax but plugged into a separate wall socket.

External telephone

A TAD (telephone answering device) or telephone that is connected to your machine.

F/T Ring Time

The length of time that the Brother machine rings (when the Receive Mode setting is Fax/Tel) to notify you to pick up a voice call that it answered.

FaxAbility

A subscriber service purchased from the telephone company that provides another phone number on an existing phone line. The Brother fax machine uses the new number to simulate a dedicated fax line.

Fax Detect

Enables your machine to respond to CNG tones if you interrupt a fax call by answering it.

Fax Forwarding

Sends a fax received into the memory to another pre-programmed fax number.

Fax Journal

Lists information about the last 200 incoming and outgoing faxes. TX means Transmit. RX means Receive.

Fax Storage

You can store received faxes in memory.

Fax tones

The signals sent by sending and receiving fax machines while communicating information.

Fax/Tel

You can receive faxes and telephone calls. Do not use this mode if you are using a telephone answering device (TAD).

Fine resolution

Resolution is 203 × 196 dpi. It is used for small print and graphs.

Greyscale

The shades of grey available for copying, scanning and faxing photographs.

Group number

A combination of Speed Dial numbers that are stored in a Speed Dial location for Broadcasting.

Help list

A printout of the complete Menu table that you can use to program your machine when you do not have the User's Guide with you.

Innobella™

Innobella™ is a range of genuine consumables offered by Brother. For best quality results Brother recommends Innobella™ Ink and Paper.

Journal Period

The pre-programmed time period between automatically printed Fax Journal Reports. You can print the Fax Journal on demand without interrupting the cycle.

LCD (liquid crystal display)

The display screen on the machine that shows interactive messages during On-Screen Programming and shows the date and time when the machine is idle.

Manual fax

On some models you can dial a fax number and listen to the receiving fax machine answer your call before you press **Mono Start** or **Colour Start** to begin sending the fax.

Downloaded from ManualsPrinter.com Manuals

Menu mode

Programming mode for changing your machine's settings.

OCR (optical character recognition)

The bundled ScanSoft™ PaperPort™ 11SE with OCR or Presto!® PageManager® software application converts an image of text to text you can edit.

Out of Paper Reception

Receives faxes into the machine's memory when the machine is out of paper.

Overseas Mode

Makes temporary changes to the fax tones to accommodate noise and static on overseas telephone lines.

Pause

Allows you to place a 3.5 second delay in the dialling sequence while you are dialling using the dial pad or while you are storing Speed Dial numbers. Press **Pause** or **Redial/Pause** key on the control panel or the Pause button on the LCD as many times as needed for longer pauses.

PhotoCapture Center™

Allows you to print digital photos from your digital camera at high resolution for photo quality printing.

Photo resolution (Mono only)

A resolution setting that uses varying shades of grey for the best representation of photographs.

PictBridge

Allows you to print photos directly from your digital camera at high resolution for photo quality printing.

Polling

The process of a fax machine calling another fax machine to retrieve waiting fax messages.

Pulse (Not available in New Zealand)

A form of rotary dialling on a telephone line.

Quick Dial List

A listing of names and numbers stored in Speed Dial memory, in numerical order.

Real Time Transmission

When memory is full, you can send faxes in real time.

Remaining jobs

You can check which jobs are waiting in memory and cancel jobs individually.

Remote Access Code

Your own 4-digit code (---✳) that allows you to call and access your machine from a remote location.

Remote Activation Code

Press this code (✳ **5 1** (✳ **9 1** for New Zealand)) when you answer a fax call on an extension or external telephone.

Remote Deactivation Code (For Fax/Tel mode only)

When the machine answers a voice call, it pseudo/double-rings. You can pick up at an extension telephone by pressing this code (# **5 1** (# **9 1** for New Zealand)).

Remote Retrieval Access

The ability to access your machine remotely from a touch tone telephone.

Resolution

The number of vertical and horizontal lines per inch. See: Standard, Fine, Super Fine and Photo.

Ring Delay

The number of rings before the machine answers in Fax Only and Fax/Tel modes.

Ring Volume

Volume setting for the machine's ring.

Scanning

The process of sending an electronic image of a paper document into your computer.

Downloaded from ManualsPrinter.com Manuals

Scan to Media

You can scan a monochrome or colour document into a memory card or USB Flash memory drive. Monochrome images will be in TIFF or PDF file format and colour images may be in PDF or JPEG file format.

Search

An electronic, numerical or alphabetical listing of stored Speed Dial and Group numbers.

Speed Dial

A pre-programmed number for easy dialling. You must press Speed Dial, the two digit code, and **Mono Start** or **Colour Start** to start the dialling process.

Standard resolution

203 × 97 dpi. It is used for regular size text and quickest transmission.

Station ID

The stored information that appears on the top of faxed pages. It includes the sender's name and fax number.

Super Fine resolution (Mono only)

392 × 203 dpi. Best for very small print and line art.

TAD (telephone answering device)

You can connect an external TAD to your machine.

Temporary settings

You can choose certain options for each fax transmission and copy without changing the default settings.

Tone (Not available in New Zealand)

A form of dialling on the telephone line used for Touch Tone telephones.

Transmission

The process of sending faxes over the phone lines from your machine to the receiving fax machine.

Transmission Verification Report

A listing for each fax sent, that shows its date, time and number.

User Settings

A printed report that shows the current settings of the machine.

Downloaded from ManualsPrinter.com Manuals

F Index

A

Access codes, storing and dialling 76
ADF (automatic document feeder) 21, 34
Answering machine (TAD) 66
  connecting 67
Apple® Macintosh®
  See Software User's Guide on the CD-ROM. .....
Automatic
  fax receive 43
    Fax Detect 47

B

Broadcasting 37
  setting up Groups for 75

C

Cancelling
  Fax Forwarding 56
  jobs awaiting redial 40
Cleaning
  paper pick-up roller 165
  print head 165
  printer platen 164
  scanner 164
Connecting
  external TAD (answering machine) 66, 67
  external telephone 68
Consumable items 211
Control panel overview 6
ControlCenter
  See Software User's Guide on the CD-ROM. .....
Copy
  brightness 94
  contrast 94
  enlarge/reduce 92
  enter Copy mode 90
  favorite 96
  multiple 90
  out of memory 97
  page layout (N in 1) 93
  paper size 95
  paper type 94
  quality 91
  single 90
  sort (ADF only) 94
  using ADF 94
  using scanner glass 21
Cordless Handset 7
Cordless telephone 68
Custom telephone features on a single line 146

D

Dialling
  a pause 72
  access codes and credit card numbers 76
  Caller ID history 71
  Groups 37
  manual 70
  Outgoing Call 71
  Speed Dial 70
Direct printing
  from a non-PictBridge camera 118
  from a PictBridge camera 116, 120
Distinctive Ring
  setting ring pattern 61, 65
  turning off 61, 65
Document
  loading 21, 22
Dual Access 39

E

Envelopes 12, 13, 19, 20
Error messages on LCD 150
  B&W Print Only 150
  Cannot Detect 151
  Cannot Print 151
  Comm. Error 151
  Ink Low 152
  No Cartridge 152
  No Paper Fed 153
  Not Registered 70
  Out of Memory 153
    while scanning a document 97
  Unable to Clean 154

Downloaded from ManualsPrinter.com Manuals

Unable to Init. 154
Unable to Print 154
Unable to Scan 154
Unable to use Phone 155
Extension telephone, using 68
External telephone, connecting 68

F

Fax codes
changing 54, 69
Remote Access Code 54
Remote Activation Code 47, 68
Remote Deactivation Code 68
using 68
Fax Detect 47
Fax Forwarding
changing remotely 56, 57
programming a number 48
Fax Storage 48
printing from memory 54
turning off 50
turning on 48
Fax Stream® Duet 60
Fax, from PC
See Software User's Guide on the CD-ROM. .....
Fax, stand-alone
receiving 43
at end of conversation 45, 53
difficulties 142, 144
F/T Ring Time, setting 46
Fax Detect 47
Fax Forwarding 56
Fax Preview 51, 52
Fax Stream® Duet 60
from extension telephone 68
into PC 49
into the memory 54
out of paper reception 54
printing from memory 54
reducing to fit on paper 53
retrieving from a remote site 56, 57
Ring Delay, setting 46
telephone line interference 149
sending 34, 85
at end of conversation 41
Broadcasting 37
cancelling from memory 40
contrast 38
delayed batch transmission 40
delayed fax 40
enter Fax mode 34
fax preview 36
from ADF 34
from memory (Dual Access) 39
from scanner glass 35
manual 41
overseas 40
Real Time Transmission 39
Resolution 39
return to factory setting 41
set new default 41
telephone line interference 149
Fax/Tel mode
Announcement 78
answering at extension telephones 68
Fax Stream® Duet 60
Remote Activation Code 68
Remote Deactivation Code 68
Ring Delay 46

G

Greyscale 199, 207
Groups for Broadcasting 75

H

Help
LCD messages 173
using Mode and menu keys 173
Menu Table 173, 174

I

Ink cartridges
checking ink volume 167
ink dot counter 160
replacing 160
Innobella™ 211

J

Jacks
EXT
External telephone 68
Jams
document 157
paper 157

Downloaded from ManualsPrinter.com Manuals

L

LCD (liquid crystal display) 173
  Brightness 29
  Contrast 29
  Dim Timer 29
  Help List 84

M

Macintosh®
  See Software User's Guide on the CD-ROM. .....
Maintenance, routine
  replacing ink cartridges 160
Manual
  dialling 70
  receive 43
  transmission 41
Memory Security 31, 87
Memory Storage 173
Menu Table 173
Mode, entering
  Copy 90
  Fax 34
  PhotoCapture 8
  Scan 8
Multi-line connections (PABX) 67

N

Network
  Printing
    See Network User's Guide on the CD-ROM. .....
  Scanning
    See Software User's Guide on the CD-ROM. .....

O

Outgoing Message (OGM) 78

P

Packing the machine 170
Paper 17, 198
  capacity 20
  loading 10, 12
  Loading envelopes and post cards 12
  Loading photo paper 14
  printable area 16
  size 26
  size of document 21
  type 19, 25
PaperPort™ 11SE with OCR
  See Software User's Guide on the CD-ROM and Help in the PaperPort™ 11SE application to access How-to-Guides. .....
Photo Paper Tray 14
PhotoCapture Center™
  Borderless 111
  CompactFlash® 100
  Cropping 111
  DPOF printing 106
  Enhance Photos
    Auto Correct 105
    Enhance Scenery 105
    Enhance Skin 105
    Monochrome 105
    Remove Red-Eye 105
    Sepia 105
    Trim 105
  from PC
    See Software User's Guide on the CD-ROM. .....
  Memory Stick Pro™ 100
  Memory Stick® 100
  Preview photos 103
  Print settings
    Brightness 109
    Colour enhancement 110
    Contrast 109
    Paper type & size 108, 109
    Quality 107, 108
    Return to factory setting 112
    Set new default 112

Downloaded from ManualsPrinter.com Manuals

Printing
all photos 103
index 103
photos 104
Scan to memory card 112
Scan to USB flash memory 112
SD 100
SDHC 100
Slide-Show 103
specifications 204
xD-Picture Card™ 100
PictBridge
DPOF Printing 117
Power failure 173
Presto!® PageManager®
See Help in Presto!® PageManager® application ....
Print
difficulties 142, 144
drivers 208
fax from memory 54
paper jams 158
report 84
resolution 208
specifications 208
Printing
on small paper 15
See Software User's Guide on the CD-ROM. ....
Programming your machine 173

Q

Quick Dial
Broadcasting 37
using Groups 37
Group dial
changing 73, 74
setting up Groups for Broadcasting ...75
Speed Dial
changing 73, 74
setting up by 2-digit location 72
setting up from Caller ID history 73
setting up from outgoing calls 73
using 70

R

Receive Mode
External TAD 43
Fax Only 43
Fax/Tel 43
Manual 43
Redial/Pause 70
Reducing
copies 92
incoming faxes 53
Remote Retrieval 54
access code 54, 55
commands 56
getting your faxes 57
Remote Setup
See Software User's Guide on the CD-ROM. ....
Reports 83
Fax Journal 84
Journal Period 84
Help List 84
how to print 84
Network Configuration 84
Quick Dial List 84
Transmission Verification 83, 84
User Settings 84
Resolution
copy 203
fax 199
print 208
scan 207
setting for next fax 39
Ring Delay, setting 46

S

Safety Instructions 129
Scannable area 22
Scanning
See Software User's Guide on the CD-ROM. ....
Serial Number
how to find ....See inside front cover
Shipping the machine 170
Sleep Mode 28

F

Downloaded from ManualsPrinter.com Manuals

Speed Dial
changing 73, 74
dialling 70
storing 72

T

TAD (telephone answering device), external 43, 66
connecting 66, 67
receive mode 43
recording OGM 67
TAD mode
a conversation 82
erasing messages 80
Fax/Tel OGM 79
outgoing message (OGM) 78
playing voice messages 80
recording a conversation 82
setting toll saver 81
setting up 78, 79
Telephone line
connections 67
difficulties 144
interference 149
multi-line (PABX) 67
Text, entering 195
special characters 195
Transferring your faxes or Fax Journal report 155
Transparencies 17, 20, 198
Troubleshooting 142
checking ink volume 167
document jam 157
error messages on LCD 150
if you are having difficulty
copying 146
document jam 157
incoming calls 146
Network 148
PhotoCapture Center™ 147
printing 142
printing received faxes 144
receiving faxes 145
scanning 146
software 147
telephone line or connections 144
paper jam 158

V

Volume, setting
beeper 27
ring 26
speaker 27

W

Wireless Network
See Quick Setup Guide and Network User's Guide on the CD-ROM. .....

Downloaded from ManualsPrinter.com Manuals

For Australia Only:

Support – For technical support of your Brother Product other than what you can resolve through the User's Guide, please visit our Web Site or Solutions Web Site (see below) to find an answer to FAQs/Troubleshooting, locating Drivers & Software.

Alternatively, please contact the Product Support Centre for any customer care/technical support enquiry.

To contact Brother International (Aust) Pty Ltd for support on a Brother product please see the details listed below:

Product Support Centre: **Australia**	
Brother International (Aust) Pty Ltd	
Phone:	02 8875 6000
Fax:	02 9870 7223
Solutions Site:	http://solutions.brother.com/
Web Site:	www.brother.com.au
Email:	To submit an e-mail enquiry, visit www.brother.com.au go to **Service and Support** area and follow the prompts.

Our Technical Support Consultants are available 5 days a week by phone during the hours of 8.30am to 5.00pm (EST/EDST) Monday to Friday.

Downloaded from ManualsPrinter.com Manuals

Visit us on the World Wide Web
http://www.brother.com

This machine is approved for use in the country of purchase only. Local Brother companies or their dealers will only support machines purchased in their own countries.

Downloaded from ManualsPrinter.com Manuals